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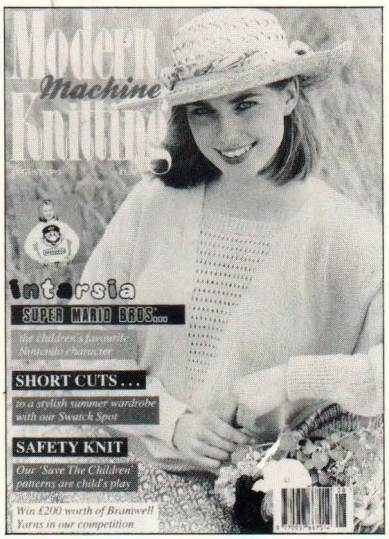
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Knitline

We bring you the latest news of who's who and what's what from around the country.

BRUSH STROKES

Fancy a weekend spent decorating? No, hang on a minute – just set aside Friday 3rd-Sunday 5th September, choose the wallpaper and paint – and leave your other half to get on with the job!

You won't be shirking your responsibilities completely, you understand – it's just that your decorating will be of a very different nature! You'll be dabbling in paint, but you certainly won't be putting it on the walls! You'll be applying it to one recently completed knitted garment, with perhaps some beads and decorative stitchwork as well. If all this sounds like your kind of decorating, then the weekend course at **Pendrell Hall College** in South Staffordshire would be right up your street! You never know – by the time you return home, the other decorator might have finished that sitting room too!

At Pendrell Hall you'll learn all the tricks of the machine knitting trade, courtesy of tutor Anne Taylor, an adult education machine knitting teacher. The course is entitled **Decorating Knitwear** and you will learn all about appliqué, using both stitching and paints, as well as beadwork and stencil patterns. So what you're going to need for this weekend is your sewing machine, not your knitting machine. But if you don't have a sewing machine, fear not – much of the surface decoration can be worked by hand. You will also need to bring a knitted garment that is completely finished except for the sewing up of side and sleeve seams. Knitters of all abilities are welcome – Anne's philosophy is that knitting should be fun as well as useful and educational – and we're sure you'll enjoy her lessons.

Sounds like fun, doesn't it? So go on, treat yourself. For £56.70 per person for a shared room, £66.20 per person single and £44.40 non-resident, the weekend includes all tuition and all meals. (Breakfast is not served to non-residents.) Pendrell Hall is situated approximately six miles north of Wolverhampton in beautiful rural surroundings, close to the Staffordshire/Shropshire border.

For an application form and more details you can contact the college from Mondays to Fridays on 0902 842398 or write to the College Secretary, Pendrell Hall College, Codsall Wood, South Staffordshire WV8 1QP.

SCHOOL'S OUT

The University students have gone off on summer vacation – now it's the turn of the summer school men and women to take over the university campuses for the many summer schools which spring up all over the country at this time of year.

One of these will be of particular interest to readers – but you will have to get your skates on! Well-known tutor Beryl Jarvis is running a course at **Loughborough's University of Technology** from July 25th to 31st. Information is available direct from Margaret Gill at the University on 0509 222153. But be quick . . .

LARGER THAN LIFE

When they do things in the States they certainly do them in a BIG way! Instead of a knitting machine show or festival, their version is a knitting machine EXTRAVAGANZA. No half measures – just everything big, bold and beautiful.

Many of the demonstrators will be travelling over from England for the three-day event to be held at the end of July/beginning of August at the Holiday Inn at Independence, Ohio. For a registration fee of $200 you can enjoy a sumptuous banquet dinner and fashion show, three mouthwatering lunches (and don't forget that an American lunch is more like a feast!) and more than 400 different classes to choose from.

There's also the chance to win a superb Studio electronic knitting system, SK-830 fine gauge knitting machine plus EC1 pattern controller as well as many other exciting prizes on the door.

The whole 'shebang' is sponsored by **Eileen's Knitting Machine Centre** of Medina, Ohio – a veritable treasure trove for the knitting machine enthusiast. On show at the exhibition, courtesy of Eileen's, will be Mr Card, a quick and easy E6000 or DM80 card generation program for your IBM or compatible computer. Mr Card allows you to interactively create E6000 or DM80 card images on your PC by using simple mouse commands. It then allows you to print accurate card images on your HP or IBM-compatible printer. For example, a novice user can quickly generate an E6000 or DM80 card by filling in the grids displayed on the computer screen. This is done by simply placing the mouse cursor over the desired grid square and clicking the left mouse button. Erasing mistakes is just as easy.

Eileen's Knitting Machine and Yarn Centre has recently introduced a new line of 2/24 acrylic yarn appropriately called 'Eileen's'. It is an excellent quality yarn available in twenty-five colours on one and a half pound cones and has a lovely soft texture when knitted up. More colours are promised for the range in the near future.

CRAFT FAIR

The status of traditional crafts – including machine knitting – has recently been given a long-awaited shot-in-the-arm. The 'never mind the quality' school of

thought is now a thing of the past with the introduction of the first national set of qualifications for the craft industry.

Crafts will at long last be 'validated' – they will have their own work-based qualification which will undoubtedly provide craftsmen and women with a 'kitemark' against which quality of work can be measured.

From the consumers' point of view, the new qualifications will be a safeguard against the 'cowboys' of the industry, proof that the person they are employing does know what he or she is doing. From the point of view of the craftsperson, it should now be easier to get employment within the industry.

The new National Vocational Qualifications will cover a wide range of crafts from blacksmithing and bookbinding to upholstery and wood-turning. They are the joint initiative of City and Guilds and the Crafts Occupational Standards Board. It is under the umbrella of the City and Guilds Creative Studies scheme that machine knitting features along with hand-knitting, flower arranging, upholstery, soft furnishing and many more.

Many colleges and centres will in the future offer these creative studies courses alongside the new NVQs, to cater both for those who wish to follow the vocational route as well as those who prefer the recreational course.

Over the past 18 months, more than 80 people representing many different craft sectors from textiles to thatching have been working to establish national standards of competence, with City and Guilds developing ways of getting away from traditional exam-based methods of gaining qualifications.

BABY TALK

It's plainly written and simple to understand – what better name then than **Simply Plain**.

The appropriately-named book is the first in a new series of basic machine knitting books by Croydon-based knitter Jennie Kelberman. It is informative and factual with clear, well-displayed instructions and easy-to-follow diagrams. Book One features the baby requirements, basic double knitting cardigans and jumpers for chunky machines. To follow will be similar basic books for older children, men and women.

Included in Book One are sections on welts, neckbands, buttons, buttonhole bands, materials, tension, raglan sleeves, set-in sleeves and drop shoulders.

The first book in the series is available from author Jennie Kelberman, 53 Newark Road, South Croydon, Surrey CR2 6HR (Price £3.75 incl. p&p).

SHADES OF SUMMER

It's definitely a case of 'the more the Merrier' as far as good old **King Cole** yarns are concerned this summer!

There are more yarns in exciting new shades and more patterns too – no wonder the company's address is Merrie Mills! (True).

A new 'rainbow' shade has been introduced into the ever-popular big value baby double knitting range, which has until now only been available in solid shades. Three new baby double-knit leaflets have been produced, two of which feature the new yarn.

By popular demand there's a new sock pattern (2389) to complement the King Cole unique sock yarn 'Little Dorritt' which is available in both 3-ply and 4-ply weights.

Last year's 'Tops' double knitting range has a new shade addition this year, called 'Parasol'. It's an attractive space-dyed yarn ideal for summer. Alongside the yarn you'll find another value-for-money leaflet which offers knitters a choice of four different summer tops.

In another case of 'the customer knows best' – the Funky Chunky and Premium Chunky yarns launched last year proved so popular that a new spring shade has been added to the range. Called 'chic', it is accompanied by three new plain shades in the Premium Chunky range – cornflower, sea-green and grape.

SPEAKER'S CORNER!

Calling all knitting clubs – there's a new speaker ready, willing and able to join the lecture/demonstration circuit.

Janet Spinks has joined the Hague Linker machine team and is now available to visit clubs and give demonstrations and lectures on Linking with the Hague Linker.

For further details please contact B. Hague and Company Limited, 45 Mile End Road, Colwick, Nottingham NG4 2DW.

GIRL TALK

With a name like Wendy, the lady surely cannot fail to have an interest in knitting? In fact, **Wendy Damon**'s interest goes a lot deeper than most – for she also designs her own knitting patterns as well as giving talks to machine knitting clubs.

Wendy lives in Rochester in Kent and will happily travel within a fifty to sixty mile radius of her home to talk about her favourite subject to like-minded knitters. Her talks are usually about an hour long and if she plans to demonstrate, she will bring along her own machine.

Among her 'repertoire' of talks is 'Design Ideas', in which she outlines just how and where her designs originate, her inspirations and the process which leads to the finished product.

'This is a lighthearted talk which changes as I introduce new designs to my collection,' says Wendy. 'I just hope it inspires my listeners to be more adventurous in their knitting.'

'Using Punchcards Creatively' helps her audience to get the most out of their punchcards and Wendy illustrates this talk with knitted swatches. 'The Garter Bar' shows an audience how to use the garter bar to speed up and enhance knitting. Wendy's talk is illustrated with swatches followed by a demonstration. In 'Surface Decoration' Wendy discusses the skills of beading knitting, embroidery and painting – and she will demonstrate some of the techniques if time allows.

Her final talk is all about knitting multi-coloured jacquard on Brother, Knitmaster or Silver Reed and Passap/Pfaff machines.

Most of the talks are followed with a sale of haberdashery to round off the evening.

Wendy trained in Fashion and Design at the Medway College of Design (now the Kent Institute of Art and Design) and it was here that she first came across machine knitting. She's never looked back since and now designs knitted garments for her ever-increasing collection of patterns.

Wendy charges £20 for each talk she gives to machine knitting clubs plus expenses at 15p per mile.

She can be contacted by writing to her at 9 Sedley Close, Cliffe Woods, Rochester, Kent ME3 8HE (tel: 0634 221629).

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Knitline

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BOXING CLEVER

It's got to be the perfect gift for the keen . seamstress – the answer to the often-asked 'What on earth shall I give her?'

Gift boxes filled with a choice of threads, which can be ordered through mail order from the comfort of the buyer's home, are a simple but ingenious idea from **Empress Mills**, one of the UK's leading sewing thread manufacturers for the last 65 years.

Empress Mills sells high quality threads at manufacturer's prices through the mail order service and now plans to include the gift boxes in the same service. A recent pilot scheme operating out of the company's Mill shop in Colne, Lancashire proved that demand far outstripped supply. 'We sold out of all sizes in just days,' Mill director Christine Driver told us.

Naturally the company have now produced gift boxes in a wide range of materials and sizes, which can be filled with any combination of types and colour of thread. Boxes come in ornate wood, low-cost perspex or quilted fabric – there is also a large plastic 'thread tidy' in the range, ideal for storing large numbers of thread spools and other smaller sewing items.

As director Christine told us: 'With the mail order service, we have found people were delighted to buy all their thread needs from the comfort of their own home at highly attractive prices. The same principle applies to the gift boxes, in that it will solve the problem of gift ideas for thousands of UK women . . . and many men too!'

Threads on offer are suitable for hand and machine sewing and come in a wide selection of colours at prices much lower than in the shops.

Further details of the full range can be obtained from the Mill on 0282 863181 between 8.00 am and 8.00 pm.

YOU GOTTA HAND IT TO ROWAN!

It's lucky 13 for summer knitters! For **Rowan Yarns**' new pattern magazine, **The Hamptons, Book No.13**, has something for everyone – with twenty-one different designs, there's bound to be something just right for you.

Designers like Kaffe Fassett, Kim Hargreaves, Sarah Dallas, Jean Moss, Novus and Louisa Harding have definitely turned up trumps with a truly mouthwatering selection of styles and colours.

We're certainly under the 70's influence this season and 'Jezebel' is a perfect example of the trend. The fitted, short-sleeved designs can be hand-knitted in either cropped or hip-hugging length in Cable Mercerised Cotton.

It's a stunning collection – from geometrics and patchwork to florals and tapestries. Colours span the spectrum – from soft summer classics to brilliant brights. Kim Hargreaves' English Rose sweater and Kaffe Fassett's Mirage pullover and Moody Blues jacket all feature exotic pinks, reds and blues. Louisa Harding's unisex design, Albatross, can be knitted as a tunic in Handknit DK Cotton or as a sweater in their indigo-dyed Den-m-nit wash-and-fade yarn which is popular at any time of year.

Designers Kim Hargreaves and Novus go for the geometrics – with checks, circles or swirls teamed dramatically with floral borders to wonderful effect.

Patchwork provides the inspiration for two designs – Kaffe Fassett's Indian patchwork jumper and Kim Hargreaves' 'Hannah' – a delicate cropped cardigan with checked and floral hearts on a cream background.

There are button-up cardigans, waistcoats and even a stunning antique carpet sweater which really does feel as good as it looks!

'The Hamptons' Rowan Knitting Book No.13, costs £4.95 and is available from Rowan stockists nationwide.

HAPPY ANNIVERSARY!

It's been a busy year for the production team of **Slip Knot**, the Knitting and Crochet Guild's popular journal.

June saw the Guild's 15th anniversary and a bumper edition of Slip Knot to celebrate this landmark. Published quarterly, June's issue was the Guild's 60th (the next edition is due for publication in September).

If you're a knitter or keen on crochet, Slip Knot is a real 'must'. Crammed full of interesting information from all over the country, it's a really worthwhile read.

Guild Chairman Liz Gillett wrote in the March issue: 'Let us try to maintain the special feeling of openness and fellowship both within the Guild and in Slip Knot.' She urged readers and Guild members to welcome new people to group meetings, offer to demonstrate to groups of children how to knit and crochet – and generally spread the word! 'Share your views with fellow knitters and crocheters through the pages of Slip Knot,' she urged.

Each issue of Slip Knot contains a wonderful variety of titbits, information and advice. There are reports from Guild branches from around the country, from Buckinghamshire and Devon, to Norfolk and the West Midlands; news of workshops and conventions throughout the year; suggestions on improving your stitchcraft; book and magazine reviews and letters to the Editor from as far away as sunny Australia.

Contributions are always welcomed from readers and anyone who has any reports or news items they would like included in the September issue should hurry to send them off before July 20 to Anita Schuetz, 483 Oldfield Lane North, Greenford, Middlesex UB6 0ER.

PIC A WINNER

Bring the magic of television excitingly to life with a colourful sweater or cardigan featuring some of TV's most popular characters.

Children just love TV heroes and heroines like Thomas the Tank Engine and Rosie and Jim. Just think how they'd love a sweater with their very own tank engine in beautiful colours – it's got to be the perfect gift for your favourite youngster!

Trust good old **Robin Wools** to get it right – they've recently come up with a series of patterns in double knitting, guaranteed to bring a huge grin to the face of many a young boy or girl with a machine-knitting enthusiast for a Mum or Gran!

That ever-popular tank engine Thomas is joined by his friends Percy the small engine, Bertie the Bus and Donald and Douglas the Scottish Twins.

Then of course there's that mischievous but oh-so-lovable pair Rosie and Jim, favourites from Central Television.

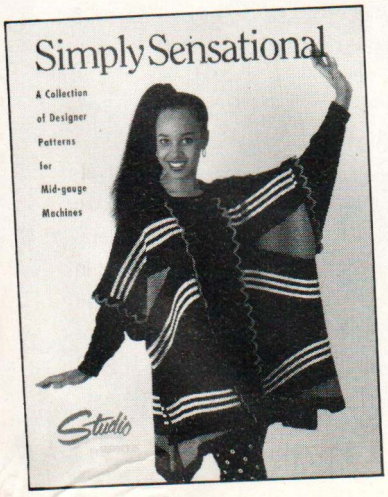
Chances are you'll have difficulty getting the youngsters to ever take off these colourful woollies.

Patterns are available from your local Robin stockist.

ATLANTIC CROSSING

It's new, it's different – and it's definitely worth looking out for!

It's the latest collection of designs from our transatlantic knitting sisters (and brothers!) and in typical American fashion they pull no punches when it comes to its description – it's **'Simply Sensational!'** Yes, that's the title of a full-colour new pattern book by Susan Guagliumi which has reached our shores in the last couple of months, courtesy of Silver Reed knitting machines. As Ken Foy of Silver Reed told Modern Machine Knitting: 'This book is intended to fill a particular niche – it is aimed at providing patterns for the SK860 and LK150 double knit gauge machines. At present there are very few patterns available for these and the idea of a special pattern book seemed like a good idea.



'The book is in fact very different from our own English pattern books in style and layout, but it does have a comprehensive learn-as-you-go style which will hopefully appeal to knitters here.'

Mr Foy has brought the first batch of 'Simply Sensational' brochures into England in the last couple of months and is currently offering them for sale through Silver Reed dealers up and down the country. 'If the first batch sells well, we may consider bringing in more,' he told us confidently.

Owners of SK860s and LK150s will no doubt be interested in the book's contents. Several full-colour photographs accompany each pattern as well as clear, easy-to-follow instructions. Styles range from casual cotton 'weekend' sweaters and patchwork jackets to a brightly-coloured poncho, Marco Polo-style hat and several stylish and glitzy tops suitable for 'occasion' wear.

'Simply Sensational' can be found at main Silver Reed dealers; if it is not in stock your dealer may be able to order a copy for you.

AN EXTRA SLICE

You can now have your cake and eat it with **Madeira Threads (UK) Ltd**.

They have recently made some mouthwatering additions to their comprehensive selection of embroidery fabrics, including a very fine antique Aida available in 130 centimetres width; a new 14 HPI Aida in Antique, a twelve-count jute fabric and a number of other fabrics for the needleworker. You'll also find a top-of-the-range exquisite Floba, fourteen count and eighteen count fabric in oatmeal, available for around £13.50 per metre.

For further information you can contact Linda Parkhouse at Queen Anne's Bounty, Church Road, Willington, Bedford MK44 3BQ (tel: 0234 838303).

THE MISSING LINK

The Channel Tunnel isn't the only long-awaited link making news these days!

DesignaKnit are equally delighted to announce their own long-awaited link to the Pfaff/Passap E6000 is now available.

Other DesignaKnit developments include the introduction of the Brother 965/270 DirectLink, priced at around £125. Then there's ScreenLink, a cable enabling almost any knitting machine, even punchcard ones, to follow Knit from Screen, now available at £49.

DesignaKnit 5 users can buy any of these items from their dealer or direct from Soft Byte, DesignaKnit, Quarry Lane, Nantmawr, Oswestry, Shropshire SY10 9HH (tel: 0691 828556).

'AND NOW FOR SOMETHING COMPLETELY DIFFERENT . . .'

Bet you thought knitting machines were great for turning out beautiful garments – end of story! Well, that's where you'd be wrong. Just ask anyone who's worked on the recent **Cardiff Bay Development Corporation** reclamation scheme!

No, we haven't gone mad – we've just discovered a whole new facet of machine knitting which even we didn't appreciate! For while we're all happily working on our patterns and hopefully producing beautifully artistic creations, there are large industrial knitting machines engaged in making textiles of a very different nature.

They're called Geosynthetics, manufactured in widths of up to 4.4 metres using the latest generation of 'biaxial weft insertion knitting machines'. Wow, what a mouthful!

Fibres are inserted into the fabric structure using this knitting process which allows them to be locked into position without causing distortion, so ensuring the full tensile properties of the fibres. Fibres used include polyesters and nylons, glass, metals and yarns. The resultant textiles are produced essentially for their practical qualities – in coating and laminating and as heat-resistant and blast-resistant fabrics. Although they are practical, the fabrics are not necessarily utilitarian – blast-proof curtains, for instance, should still blend with the interior decor.

The textiles for the Cardiff Bay reclamation project were produced by a company called **Welbeck Technical Textiles** from Mansfield in Nottinghamshire.

A case of – it all started with a stitch . . .!

Mario sweater

They're no strangers to the vast army of young computer enthusiasts around the country – "Arguably the most popular Nintendo characters" to quote just one knowledgeable teenager!

But for the benefit of those of us to whom computers are still something of a mystery, let us introduce Mario and Luigi – better known to their legions of followers as the Mario Brothers.

These two Italian plumbers do a magnificent job of keeping our youngsters enthralled with their antics on the computer screen for hours on end. They are the "goodies" whose task it is to save the world – and do they have fun doing it!

The characters of Mario and Luigi are instantly recognisable and tremendously popular. Just think how any young Nintendo fan would jump at the chance of wearing his or her very own Mario on the front of a sweater.

BACK

Push 84 [90, 96, 114, 126, 138] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000 *. Using MC, K 132 [132, 136, 168, 176, 184] rows.

Shape Shoulders

Cast off 9 [9, 10, 12, 14, 16] sts at beg of next 4 rows and 8 [10, 10, 14, 14, 15] sts at beg of foll 2 rows. Using WY, K a few rows over rem 32 [34, 36, 38, 42, 44] sts and release from machine.

FRONT

Work as for back to *. Using MC, K 2 [2, 4, 24, 24, 28] rows. Cont in intarsia from chart over centre 80 Ns, K 114 [114, 112, 120, 124, 128] rows. RC shows 116 [116, 116, 144, 148, 156].

Shape Neck

Push 52 [56, 59, 68, 76, 82] Ns at left to HP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 26 [28, 30, 38, 42, 47] sts rem. K 9 [9, 12, 15, 19, 18] rows.

Shape Shoulder

Cast off 9 [9, 10, 12, 14, 16] sts at beg of next and foll alt row, K 1 row. Cast off rem 8 [10, 10, 14, 14, 15] sts. With carriage at right, push 20 [22, 22, 22, 26, 26] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 52 [52, 58, 62, 72, 78] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for 6.5 mm double knitting machines with intarsia facility.

MATERIALS

Patons Knit 'n' Save DK.
3 [3, 3, 4, 5, 5] x 100g balls in Background Colour (MC).
1 x 25g ball in Black, White, Brown, Red, Skin and Turquoise.
Pair of 3 mm knitting needles.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Patons & Baldwins Ltd., PO Box 22, Darlington, Co. Durham DL1 1YQ.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No 15.

MEASUREMENTS

To fit bust or chest 61 [66, 71, 76-82, 87-92, 97-102] cm, 24 [26, 28, 30-32, 34-36, 38-40] in.
Actual size 68 [73, 78, 93, 103, 113] cm, 27 [29, 31, 36 1/2, 40 1/2, 44 1/2] in.
Length to shoulder 46 [46, 47.5, 60, 62.5, 65] cm, 18 [18, 19, 23 1/2, 24 1/2, 25 1/2] in.
Sleeve seam 30.5 [33, 38, 45.5, 48, 48] cm. 12 [13, 15, 18, 19, 19] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

24 stitches and 32 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 4).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Always twist yarns together when changing colours in intarsia to prevent a hole forming.
Work 110 rows in intarsia pattern, then cont in MC.

10 ▶

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Nintendo

Mario sweater

◀ 8

000. Using MC, K 2 rows. Shape sides by inc 1 st at each end of next and every foll 4th row until there are 56 [66, 64, 86, 80, 86] sts, then on every foll 6th row until there are 78 [84, 90, 108, 114, 120] sts. K 9 [9, 17, 9, 13, 13] rows. RC shows 82 [90, 106, 122, 130, 130]. Cast off.

WELTS

With P side facing and using 3 mm needles, pick up 84 [90, 96, 114, 126, 138] sts along lower edge. With K side facing and using MC, K 1 row, dec 9 [9, 9, 13, 13, 13] sts evenly. 75 [81, 87, 101, 113, 125] sts.

1st Rib Row: P 1, * K 1, P 1; rep from * to end.

2nd Rib Row: K 1, * P 1, K 1; rep from * to end.

Rep these 2 rows until welt measures 5 [5, 5, 7.5, 7.5, 7.5] cm, 2 [2, 2, 3, 3, 3] in. Cast off in rib.

CUFFS

With P side facing and using 3 mm needles, pick up 52 [52, 58, 62, 72, 78] sts along lower edge of sleeve. With K side facing and using MC, K 1 row, dec 7 [7, 9, 9, 9, 9] sts evenly. 45 [45, 49, 53, 63, 69] sts. Cont in rib as for welts until cuff measures 5 [5, 5, 7.5, 7.5, 7.5] cm, 2 [2, 2, 3, 3, 3] in. Cast off in rib.

NECKBAND

Join right shoulder seam. With right side facing and using 3 mm needles and MC, pick up and K 19 [19, 23, 27, 31, 31] sts down left side of front neck, 20 [22, 22, 22, 26, 26] sts across front neck, 19 [19, 23, 27, 31, 31] sts up right side of front neck and 32 [34, 36, 38, 42, 44] sts across back neck, dec 1 st at centre. 89 [93, 103, 113, 129, 131] sts. Cont in rib as for welts for 5 [5, 5, 7.5, 7.5, 7.5] cm, 2 [2, 2, 3, 3, 3] in. Cast off loosely in rib.

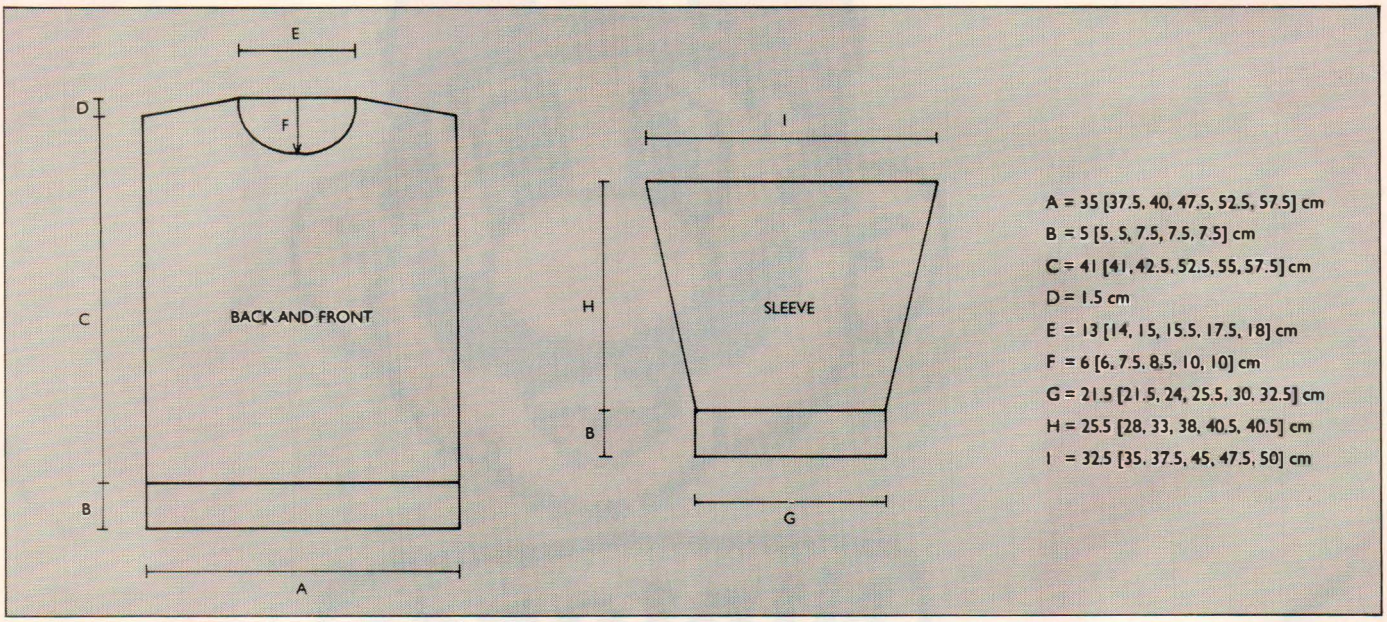
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press lightly under a dry cloth using a cool iron.

MAKING UP

Join left shoulder and neckband seam. Fold neckband in half to inside and sew loosely in position. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams.

Washing Instructions: For Patons Knit 'n' Save DK – machine wash (40 degrees centigrade – wool cycle); cool iron under dry cloth – never wet press; do not tumble dry – dry flat.



Dear Readers

"School's out – and so, we hope, is the sun!

It's time to dust down those suitcases and wage the annual battle with your holiday wardrobe.

If you're almost at desperation point, then Angie's Swatch Spot could be your answer. She's bang up-to-date with her summer designs, successfully combining florals and stripes in practical summer separates. So why not get down to some serious knitting and solve some of those holiday problems at the same time?

If you've still got some 'gaps' in your wardrobe even after Angie has inspired you, there are always our gorgeous 'summer whites' to whet your appetite. There's a tunic, waistcoat and skinny rib sweater in our line-up this month, none of which will take up a lot of room in the suitcase!

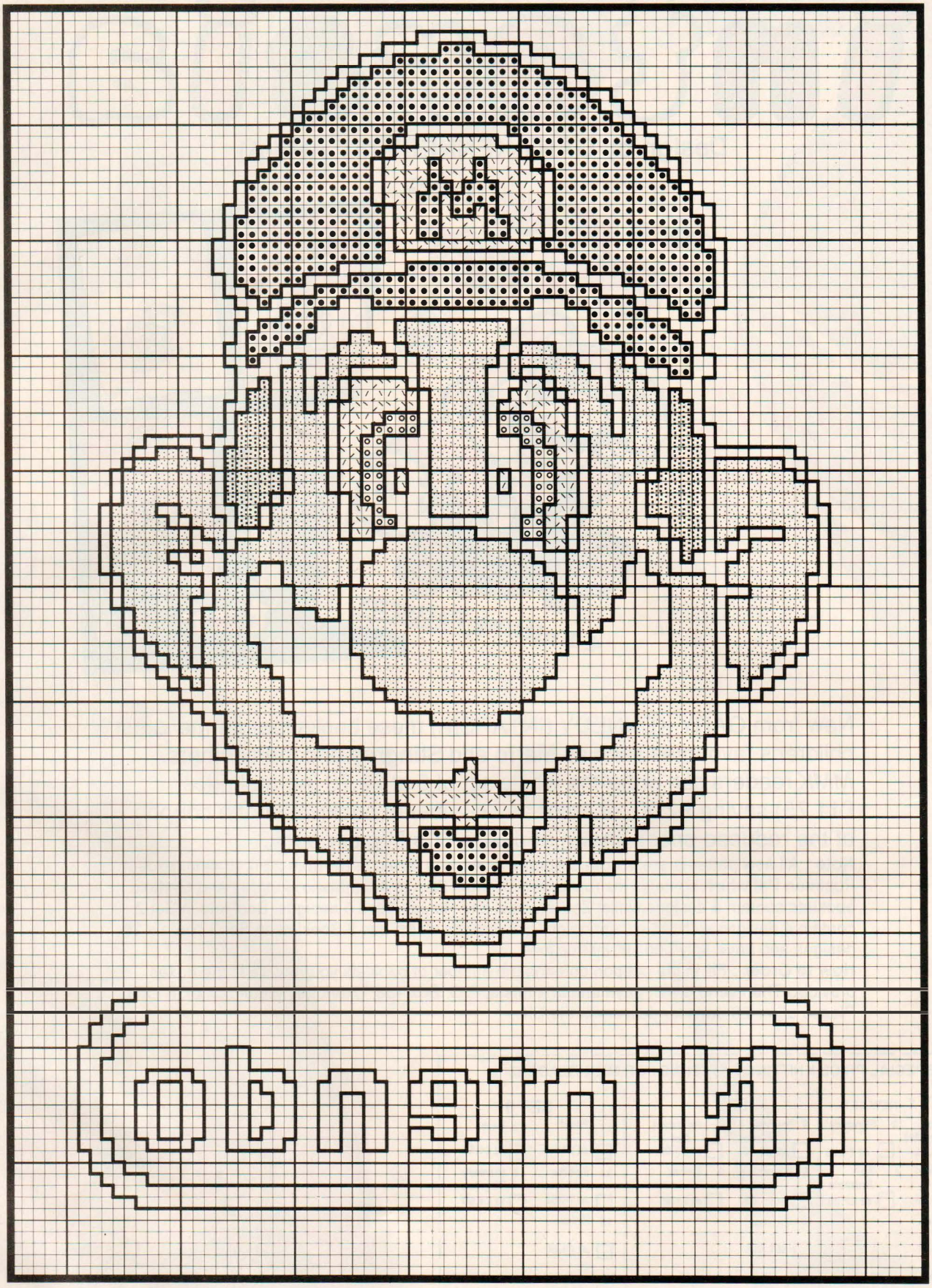
While you're away, why not combine sitting on the beach with a spot of hand-knitting for a really worthwhile cause? The charity Save the Children urgently needs your help in knitting simple jumpers and blanket squares to send to the under-developed countries around the world. There are patterns for both hand and machine knit versions on page 44 – why not run up a couple by hand while you're on holiday, then get back to the machine when you return home?

Still on the mid-summer theme, Jane Huntingford's geometric pattern this month has a distinctly seasonal feel. Based on the design of the garden trellis, it immediately conjures up visions of climbing roses and other summer flowers – so 'real' you can almost smell their sweet scent!

With all this knitting, you're obviously going to need some yarn. So why not enter our competition to win just that – £100-worth of beautiful Bramwell yarn for the first prize, with **two** *second prizes of £50-worth each if you're one of the lucky runners-up. Definitely worth a try.*

Enjoy your holiday – see you in September . . ."

Frances



KEY

MC

Black 7814

White 7813

Brown 7832

Red 7716

Skin 7789

Turquoise 7784

intarsia

Design by GARY KENNEDY (INTARSIA)

EXCLUSIVE READER OFFER

New from GARY KENNEDY (INTARSIA) these books feature the latest childrens favourites such as **Mario** and **Stingray** and many others. *MMK* readers can order the whole set of 5 at £9.75 (normal price £11.75) saving £2.00, or order any number of booklets on the coupon at the reduced prices shown and save 30p-50p per book.

Note : All new patterns are in both childrens and adults sizes, in DK from 26in. to 44in.(except Postman Pat which contains instructions in DK from 22in to 44in.)Mario,Stingray and Garfield booklets contain 4 designs,whilst Zoo Animals and Horses have 5 designs. Booklets in Set 2 contain 4 designs with the exception of Thunderbirds which has 9.Booklets in Set 3 contain 20 designs and have 4ply and DK instructions.

How to Order : Fill in the coupon entering the number of booklets you require in the boxes provided.Then send it,with payment, to Intarsia, P.O. Box 138, Uxbridge, Middlesex UB8 2XR. Please allow 28 days for delivery in the UK.

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SAVE up to £2.00 on normal price !

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(Offer closes October 31st 1993) (TOTAL AMOUNT)

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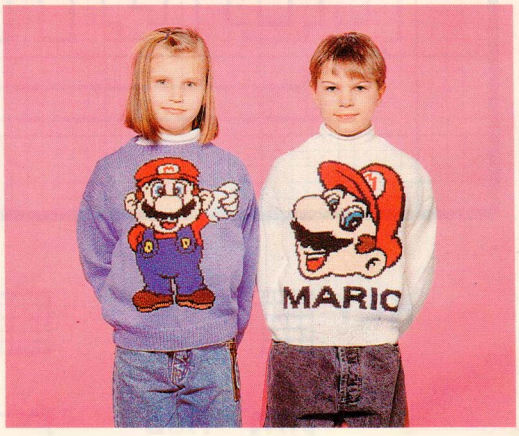
** Post coupon or use separate paper to avoid cutting magazine*



CLUB SPEAKERS

ANN BROWN

Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB.
Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show.

Travel: Club Talks – 100 miles. Workshops – any distance. Now taking bookings for Scotland – Spring 1994.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: Within reasonable distance.

KENI FREEMAN

19 Willersey Road, Badsey, Worcestershire WR11 5HB.
Tel: 0386 832080

Subject: Intarsia; Design and Colour; Using sewing machines and overlockers with knitted fabrics; Copyright.

Travel: Will travel to most areas.

ANNE KENT

28 Quail Gardens, Selsdon Vale, South Croydon, Surrey CR2 8TF.
Tel: 081-657 5740

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from Croydon.

LAVINIA LAWRY-JOHNS

Lee-Bee Lifestyles, 104 Elford Crescent, Plympton, Plymouth PL7 4BT.
Tel: 0752 336914

Subject: Demonstrations and talks on creative knitting and design; a lively talk can be expected.

Travel: Cornwall and Devon area.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
Tel: 04605 4670

Subject: Single and double bed work on Japanese and Swiss machines; Fourteen subjects; New techniques; Talks and Demonstrations.

Travel: Ninety mile radius of Ilminster.

JENNY ROSE

12 Bercta Road, London SE9 3TZ.
Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60 mile radius. Further by arrangement.

RITA RUBERY

18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ.
Tel: 021-353 9623

Subject: Talk called Made to Measure Knitwear with twenty-eight garments, illustrations, books and patterns.

Travel: Any distance considered.

PAT STANTON

94 Old Station Road, Bromsgrove, Worcestershire B60 2AF.
Tel: 0527 31822

Subject: Six different illustrated talks on stitch patterns for Knitting Clubs. Telephone for details.

Travel: Any reasonable distance up to two hours from Bromsgrove.

MARGARET TILLOTSON

6 Court Close, Manor Farm Estate, Horfield, Bristol BS7 0XH.
Tel: 0272 519549

Subject: Cut and sew decorative detail, etc. Send SAE for details.

Travel: Fifty mile radius of Bristol.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
Tel: 061-775 5257

Subject: Pressing knitwear; Appliques; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within one hundred mile radius of Manchester, but special arrangements can be made for longer distances.

1f11

MMK CLUB DIRECTORY

To: The Editor, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR

Please enter our Club in the Modern Knitting Club Directory ☐

TICK

Please change our Club's entry to the following ☐

Name of club .....

Organiser's name .....

Organiser's telephone number .....

Organiser's postal address .....

.....

Town .....

County ..... Postcode .....

Full address of club meetings .....

.....

Town .....

County ..... Postcode .....

Monthly date(s) of meetings .....

Time of meetings .....

Please include only one entry on this form and print the details on plain paper if you prefer not to cut your magazine.

20129

Letters, hints & tips

Share your ideas and thoughts, hints and tips with other readers each month. We pay £5 for every letter we published and you will also win a subscription to *Modern Machine Knitting* if yours is chosen as our letter of the month.

WHAT'S IN A NAME?

I have enjoyed your magazine for a long time and although my machine is not the latest model I find that I can usually adapt the patterns and do something similar if not exactly the same as many of your patterns.

I do enjoy other magazines and patterns but am put off some of the patterns when they say that they are for a machine other than mine. My machine is a Knitmaster 326 and ribber and at the moment it is all I need. If I see a pattern for a Brother machine or a Passap, can I adapt the pattern and knit it on my machine?

Also, at the moment I only use my ribber for the ribs and neckbands and so on but feel sure that I could be doing more with it than I do . . . what should I start with and can you recommend any books or magazines that will help me? Thank you and please keep the magazine coming regularly.

Yours sincerely,
Sheila Wells
Torquay, Devon

We are glad that you enjoy the magazine. You say that you quite often adapt patterns that are not for the same model of machine as yours and by that we presume that you mean that you use ideas from electronic designs and knit them as near as possible on your punchcard machine. The same principles apply to the other models of punchcard machines. If you see a pattern for a Brother or Toyota punchcard machine, the chances are that you can knit it more or less the same on your machine. The punchcards vary from machine to machine as to which row they start on but if you are punching the card out then you will punch it for your own machine anyway so there will be no problem. If a card was for the Toyota 787 then these cards are punched in reverse, that is the holes are the background and the blanks are the second colour and that is easily remedied when you punch the card out for yourself. On most punchcards the names of the switches and so on do not enter into a pattern. WP and HP are used for the needle positions and if there are any other positions mentioned such as A position, it is usually easy to work out what it is referring to. A good idea is to have a look at other machines and make a note of their terminology, you will soon collect a store of information that will help your knitting to run smoothly. You certainly learn much more about your machine when you use patterns written for other makes because you ask questions and learn what certain things are as opposed to simply following the instructions.

Passap knitting is not quite so straightforward to adapt and some are not possible on your machine. Most of the Passap patterns are double bed patterns and so would require your ribber to get anything like them. This should not prevent you from trying to get as close as possible and there are books of punchcard/electronic designs which are designed and adapted for both the Japanese machines and the Passap. This cross referencing of machine is interesting and good for your knitting know-how.

YOUR RIBBER

Obviously when you first buy your ribber it is quite an achievement to knit the ribs and cuffs successfully and your first perfect neckband round or 'V' is a good moment. Once you are familiar with your ribber, you can start to be more adventurous and one of the easiest starter garments for your ribber is as follows:- Using a good quality four-ply, preferably a mixture of wool and acrylic, knit a stocking stitch tension swatch just as normal. All you need then is a basic four-ply sweater pattern, raglan, set-in sleeve or a dropped shoulder style, in stocking stitch. Using your ribber, cast on and knit the rib as usual and then transfer all the stitches to the main bed. Now re-arrange the needles by transferring every tenth stitch back to the ribber and put the empty needle on the main bed in NWP. Your ribber should be set at P (full pitch) and for half Fisherman's rib. The tension on the ribber can be the same as that on the main bed or one number higher for a slightly larger stitch. It will not affect the size of the garment noticeably. Now just knit the garment following the stocking stitch pattern but using your ribber arm instead of the main carriage. Increases and decreases are done as normal and when you reach a stitch on the ribber, simply transfer it to the main bed and treat it as normal. When you are shaping a round or 'V' neck, transfer the ribber stitches temporarily to the main bed and put them in hold as usual. When you return to knit the left side all you have to do is transfer them back to the ribber again. Knit with your weights on as for the ribbing and adjust them when you hold for the neck so that they are evenly distributed over the area of knitting which is in operation. (Two small weights, one each end will be sufficient.)

This pattern is as easy as knitting a plain stocking stitch sweater but is much more interesting when it is finished and will give you confidence in using your ribber. This technique can be applied to sweaters, cardi-

Please keep writing

We pay £5 for every letter we publish, provided it has not already been accepted or published elsewhere, plus a subscription to the magazine for a letter of the month

gans, jackets, almost anything and you can vary the needle arrangement if you want a change. The fabric can be used on either the knit or the purl side, both are effective.

I hope that this encourages you to use your ribber more. The next step is probably skinny rib sweaters and half and full Fisherman's rib sweaters. There are a number of useful books on the market but the one I used most when I first started using my ribber and the one I still use the most is the Mary Weaver Ribber Book One (Book Two is invaluable as well). You will find all the information and patterns you need in book one to really get your ribber into action. Good luck.

BLACK MARK!

Help! Please can anyone tell me how to get a mylar sheet to work first time? I have had my Brother 950i for six months and am feeling very frustrated at the slow progress I have made. I fill in the sheet, programme it into the machine and knit a sample. There are blanks where there shouldn't be. So I go over the marks that haven't worked, delete the programme, programme the sheet in again . . . I did this six times yesterday. Stitches that worked at, say, the third attempt didn't at the fifth. Eventually it worked at the sixth attempt when I ran a blank card through at the same time. What is going wrong? Is it me or the machine? It was so easy with a punchcard – you either had a hole or you didn't! Have I made an expensive mistake? There is so much potential in the machine yet I am falling at the first hurdle!

Yours sincerely,
Mrs Lesley Heward
Crawley Down, West Sussex

Thank you for your letter and first of all let me assure you that you have not made an expensive mistake and your problem with the mylar sheets can be solved. You did not say which pen you are using to mark the sheet but it should be the Brother pen or pencil and a good test to see if it is OK is to hold the marked sheet up to a window and if the marked squares are nicely dark then your pen is OK. If they are really light and the light is shining through then you may need a new pen.

It does sound, however as though the problem may be with the machine. The machine needs a certain intensity in order to read the sheet correctly and it could be that the intensity on your machine needs adjusting. You need to contact a Brother mechanic and ask him to test the intensity reading of your machine.

There is another possibility and that is that the mylar sheets you are using are too thin to be reading properly. I say this because you mention that the sheet reads correctly if you feed a blank card through at the same time. This makes me wonder if your sheets are too thin . . . it is worth considering. If, however they work with a blank sheet feeding through with them then carry on doing that until you can try some other sheets.

This all probably seems like a great problem at the moment because it is stopping your progress but once you have it worked out you will soon be on the way.

I hope that this is of some help to you, good luck!

Books by
Angela N. Gordon

The Machine Knitting Tutor
Master your single bed machine in 22 *easy to understand* lessons
£9.95
Tutors - send s.a.e. for details of Lesson Plans

Machine Knitters Super Tips Plus
Get the most from your machine with over 400 tried and tested tips
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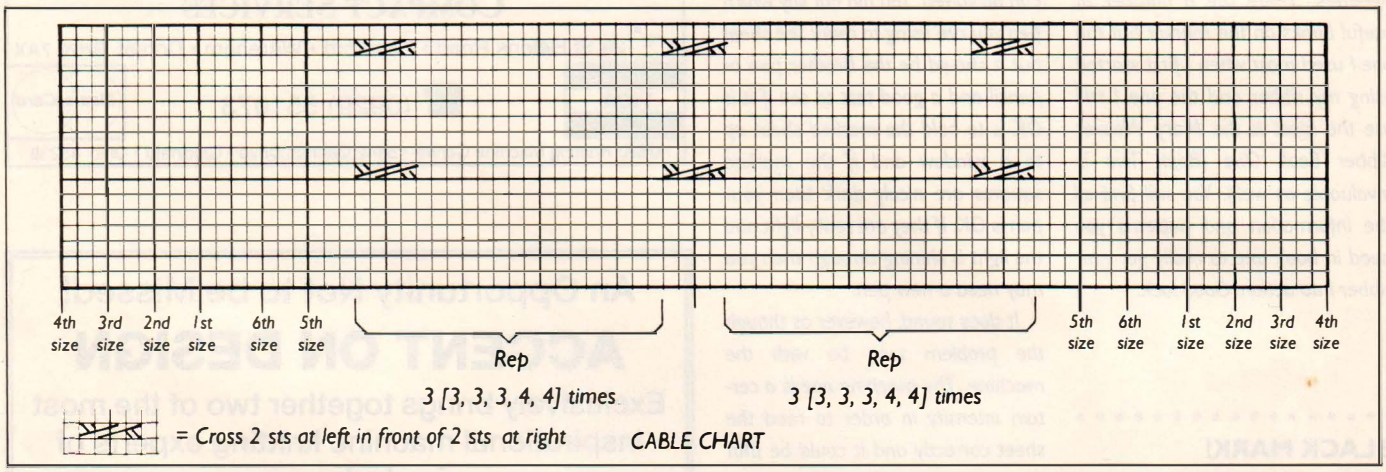
The boys in blue

Fall in for summer drill in the natty nautical uniform of sea-blue, in ever-popular Yeoman Cashmilon, with a dash of summer white for seasonal variation.

BACK

With carriage at right and using MC, cast on 144 [150, 156, 162, 170, 176] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 26 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 96 rows. Insert card and lock on first row. Using C, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B, K 5 rows. Remove card. Cont in st st and C,



CABLE CHART

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber. If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Yeoman Cashmilon.
1 x 500g cone in Blue (MC).
1 x 500g cone in White (C).

GARMENT WEIGHT
Finished garment in fourth size weighs 340g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS
To fit chest 92 [97, 102, 107, 112, 117] cm, 36 [38, 40, 42, 44, 46] in.
Actual size 105 [109, 114, 118, 124, 128] cm, 41 1/2 [43, 45, 46 1/2, 49, 50 1/2] in.
Length to shoulder 65 [65, 66, 66, 67, 67] cm, 25 1/2 [25 1/2, 26, 26, 26 1/2, 26 1/2] in.
Sleeve seam 50 [50, 51, 51, 52, 52] cm, 19 1/2 [19 1/2, 20, 20, 20 1/2, 20 1/2] in.

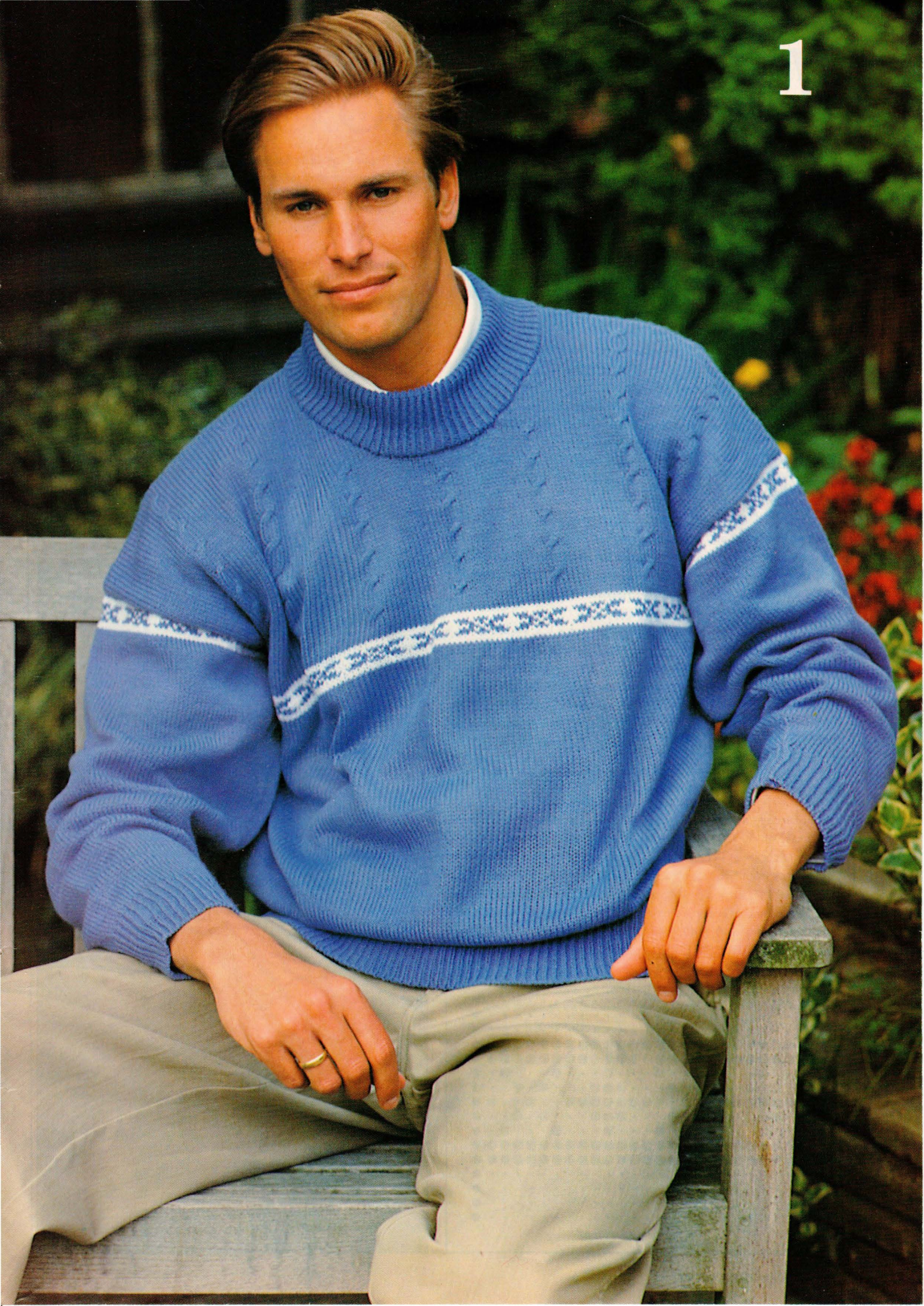
Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
27 stitches and 33 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

pattern 1

18 ▶


1

The boys in blue

◀ 16

K 2 rows. Place marker at each end. Using MC, cont in cable patt from chart **. K 87 [87, 89, 89, 93, 93] rows. RC shows 192 [192, 194, 194, 198, 198]. Place marker between sts 22 and 23 at left and right of centre 0. Cast off.

FRONT

Work as for back to **. K 47 [47, 49, 49, 53, 53] rows. 40 rows less have been worked to shoulder than on back.

Shape Neck

Push 82 [85, 88, 91, 95, 98] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of next and every foll alt row until 50 [53, 56, 59, 63, 66] sts rem. K 16 rows. Cast off. With carriage at right, push 20 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 70 [70, 76, 76, 82, 82] sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 3rd row until there are 140 [140, 146, 146, 152, 152] sts. K 27 [27, 31, 31, 35, 35] rows. RC shows 132 [132, 136, 136, 140, 140]. Insert card and lock on first row. Using C, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B, K 5 rows. Remove card. Cont in st st and C, K 2 rows. Using MC, K 1 row. Cast off.

NECKBAND

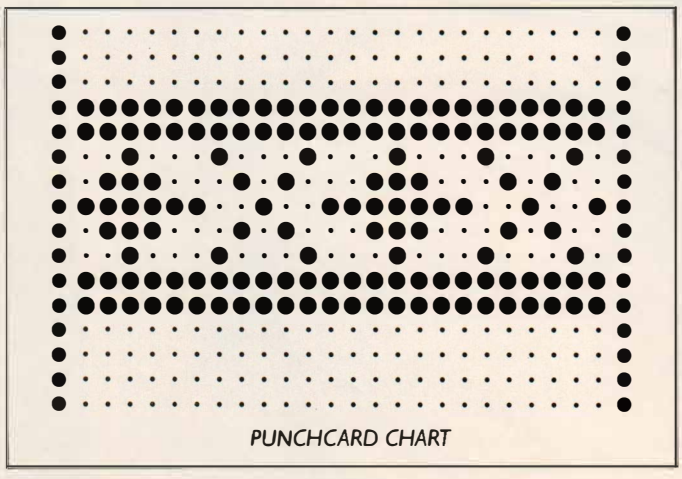
Join right shoulder seam. Push 150 Ns to WP. With K side facing, pick up 150 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–5/MT–5, K 46 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

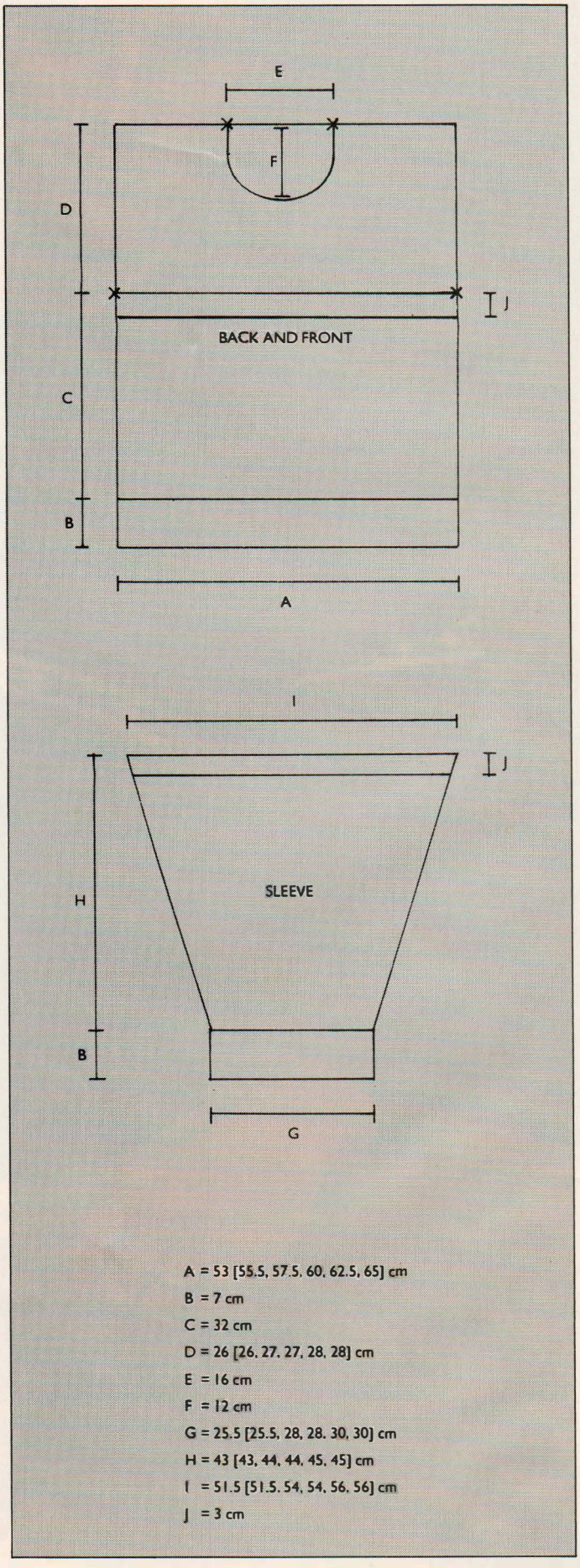
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



PUNCHCARD CHART



A = 53 [55.5, 57.5, 60, 62.5, 65] cm
B = 7 cm
C = 32 cm
D = 26 [26, 27, 27, 28, 28] cm
E = 16 cm
F = 12 cm
G = 25.5 [25.5, 28, 28, 30, 30] cm
H = 43 [43, 44, 44, 45, 45] cm
I = 51.5 [51.5, 54, 54, 56, 56] cm
J = 3 cm

Finishing touch

Angela does a complete 'about turn' this month. Just as we've happily mastered all those useful tips for decreasing in last month's issue, now she wants us to head off in the other direction – and work on increasing! So, with needles at the ready, it's 'forward knit' . . .

SIMPLE INCREASES

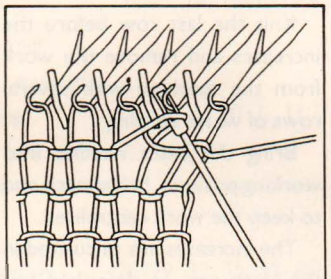
The most basic increase of all is to simply bring one extra needle into work at the edges of the knitting.

If this is worked at both ends of the knitting at once, you will notice that one edge has a loop for every increase. This happens when a needle is brought into work on the same side as the carriage. It makes sewing up rather difficult, so instead I always bring one needle to work at the opposite end to the carriage on two rows.

Where instructions are for increasing one stitch at both ends every two rows, I would increase one stitch at the opposite end to the carriage on every row. For an increase at both ends every four rows, increase at the opposite end on two rows, then knit two rows without increasing.

The right edge of sample one shows the neat edge created in this way. It is very quick and easy to work and is perfectly adequate for mattress stitching, or back-stitching of seams.

You will probably find that this method does not work so well on patterned fabrics. The increased stitches often do not collect the yarn properly and you end up with the stitch dropping after the initial increase loop has been made, giving a rather untidy edge.



HEEL OF STITCH
Illustration from The Machine Knitting Tutor *reproduced by courtesy of Angela Gordon – Compact Services.*

One alternative simple increase for patterned work is to pick up the heel of the end stitch, place it on to the next empty needle and bring it to working position. This can be worked at both ends of the knitting at once, without loops forming.

The heel of a stitch is actually the horizontal bar at the top of the stitch knitted in the previous row.

Another alternative is to bring an empty needle, at the carriage end, into holding position and e-wrap it. Bring the same needle out to upper working position on the next row to ensure that it knits once more (rather than tucking or slipping which could make an untidy edge), or knits with the contrast yarn in Fair Isle.

FULLY FASHIONED INCREASE

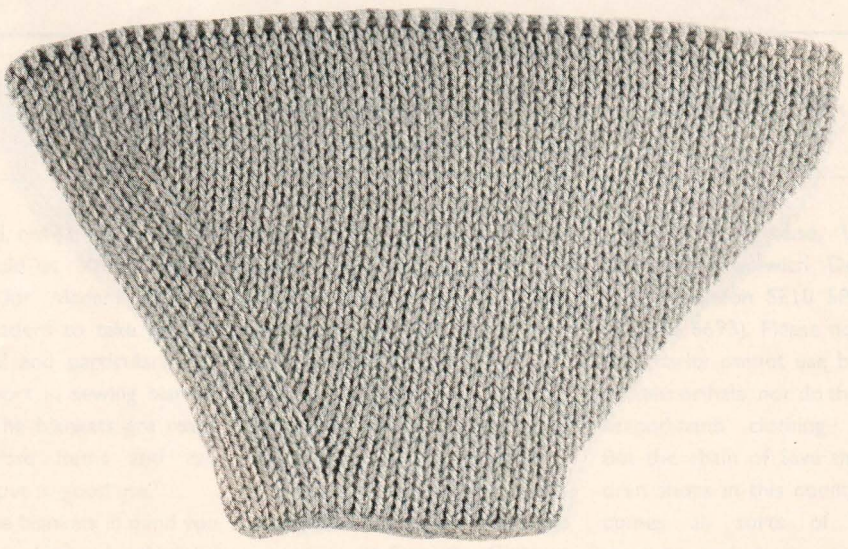
This can be worked with either the single, double, triple or multi-pronged transfer tool, depending how far in you want the shaping to be.

For underarm seams of sleeves I generally use the single transfer tool, for upside-down raglans I might use the triple, or multiple, transfer tool.

This increase is not suitable for patterned fabrics as the shaping would interrupt the stitch pattern.

Samples one and two have

20 ▶



SAMPLE 1

Finishing touch

been worked with multi-pronged transfer tools.

To work an increase with the triple-pronged transfer tool, bring an empty needle to working position with the latch open, move the end three stitches out by one needle, leaving the fourth needle from the end empty. Now, pick up the heel of the stitch on needle five and place it on to the empty needle.

Picking up the heel of the adjacent stitch fills in the empty needle and avoids an eyelet hole forming in the knitting. Sample one left edge.

FULLY FASHIONED INCREASE WITH EYELET LACE HOLES

These can look very attractive on the raglan seam of sweaters and cardigans knitted upside-down. The eyelets can be left as they are, or they can be threaded with ribbons, or rouleaux.

The method of knitting is similar to the regular fully fashioned increase. The main difference is that we do not pick up the heel of the adjacent stitch to fill the empty needle. Leave the needle empty and an eyelet hole will appear in the knitting next to the sloping stitches of the increase. This is shown on the right side of sample two.

The smaller eyelet hole shown on the left side of sample two is created by filling the empty needle with the loop of yarn that is stretched between the two stitches either side of the empty needle.

MULTIPLE INCREASES

We might need to work a multiple increase if we have worked welts or cuffs in stocking stitch, Fair Isle, slip stitch or weaving. In this case we would have to use more stitches for the main part of the work to avoid the welt/cuffs from pushing out at the bottom.

The same method can be used for circular yokes and skirts knitted from the top down.

This type of increase should not be worked within patterned fabrics. The only exception is for electronic machine knitters, when the increases can correspond with an increase in the number of stitches to the pattern width. However, this takes careful planning!

Fair Isle circular yokes can have one or two plain rows between small Fair Isle designs and the increases can be worked on these plain rows.

Knit the last row before the increases and remove the work from the machine with several rows of waste knitting.

Bring the extra needles into working position, half at each end to keep the work centralised.

The increases are calculated in the same way as described last month for multiple decreases.

If we were to increase from fifteen stitches to twenty stitches I would put every fourth needle, which is to be left empty, into non-working position. We have to increase a total of five stitches and five times four is twenty, therefore we increase every fourth needle.

Pick up the fifteen stitches on to the needles in work, ignoring those in non-working position. Now, put every fourth needle, which is currently in non-working position, to working position and continue knitting.

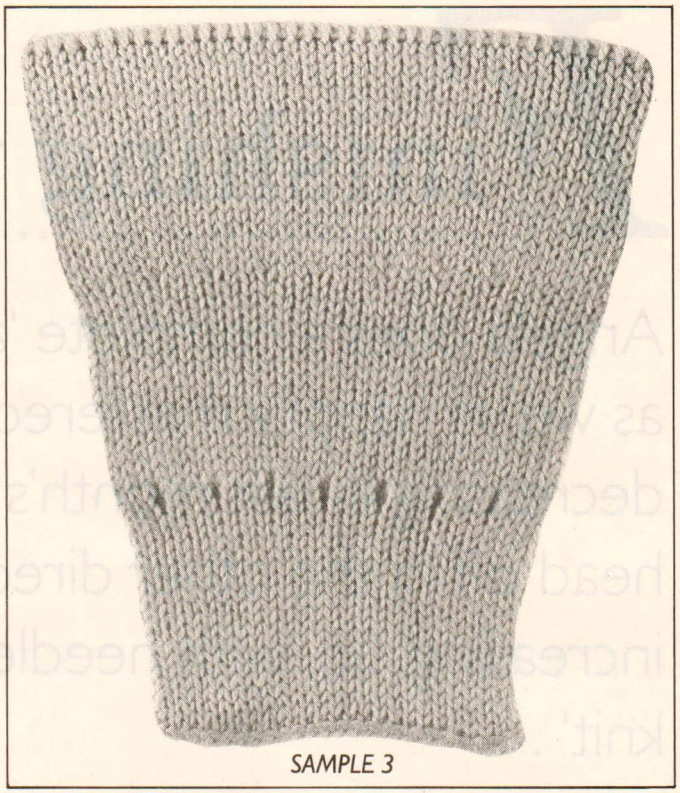
This has created a row of eyelet holes where the empty needles first collected yarn – sample three, bottom increase.

This could be used as a decorative feature as it is, or threaded with ribbon or rouleaux. It could also be practical – threaded with a waistband tie on a dress or top with a peplum.

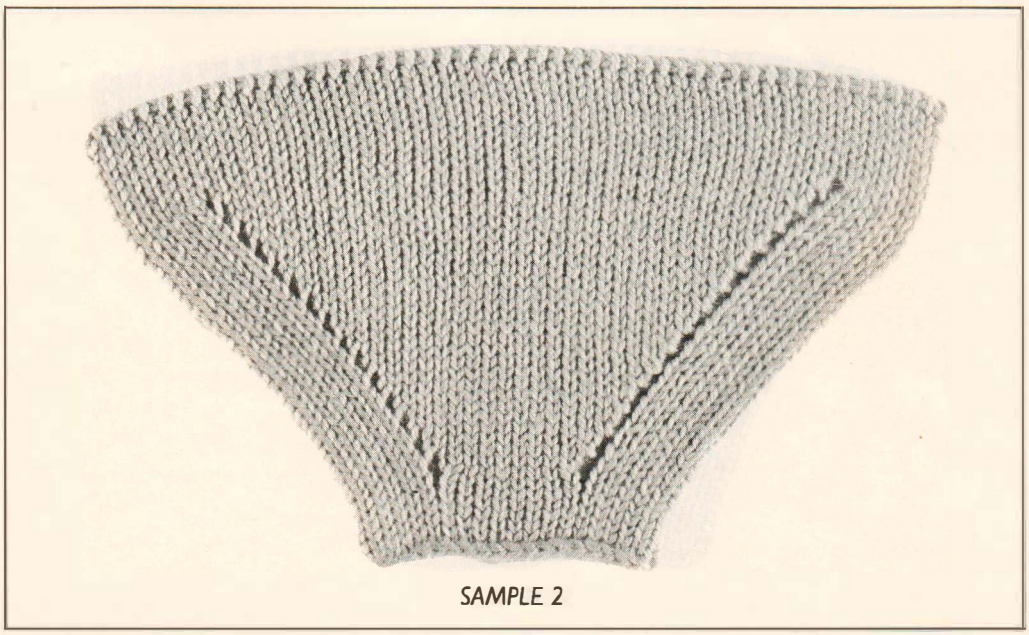
To eliminate the eyelet holes, work the increase as above, but before knitting the first row after increasing the number of working needles, pick up the heel of adjacent stitches on to the empty needles. This is shown in sample three, top increase.

As with decreasing, we can also create an increase in the fabric width, by changing stitch pattern and tension.

Knitters who have been following this series will now have a variety of cast on, cast off, increase and decrease techniques ready to use. Next month we will look at some single bed alternatives to the mock (Continental) ribs described in the instruction manuals.



SAMPLE 3



SAMPLE 2

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Competition

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Variety is a Bramwell byword – their range is truly amazing and not only in colour but in their mix of yarns. Where else would you expect to find a mind-boggling selection of 70 different shades of fine 4-ply 100% acrylic, including four dazzling fluorescents?

The Bramwell yarn combinations are seemingly endless – there are 100% acrylics in Texas chunky fine 4-ply, strong 'Artistic' and Duo Magic, several acrylic and nylon mixes as well as acrylic and wool and acrylic and polyester. The variety is stunning, matched only by the dazzling colour choice – everything from those bold fluorescents to the palest of pastels, with the strong dark shades and the pretty pales in between. There's a wonderful chunky mohair comprising 78% mohair, 13% wool and 9% nylon; there are combed and mercerised cottons and many, many more . . . and all so simple to win.

To enter our competition, simply use the clues provided to find the nine words or phrases in the top grid. Then transfer the letters from the top grid to the squares below as indicated to discover a quotation relevant to knitting. The author of the quotation appears in column A of the top grid. Put the quotation on a postcard together with your name and address and send it to August Competition, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.

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	A	B	C	D	E	F	G	H	I	J	K	L	M
1					–			–	–	–	–	–	–
2				–				–					–
3							–			–	–	–	–
4							–						–
5									–	–	–	–	–
6				–			–				–	–	–
7					–								–
8					–			–	–	–	–	–	–
9									–				

9A	5C	4E	4B	7D	8A

7G	5G	7F

5D	3A	4F

2B	4E	6F	2I	5A

8F	8G

5E	1B	2A	4E	9E	6B

2C	9K	9E	4D

CLUES

1. Enlist at the end of knitting (4.2)
2. Spontaneously (3.3.4)
3. No room to move in a crowd (6.2)
4. Big sporting occasion (6.5)
5. Rita knew (Anagram) (8)
6. Seeing things this way – you agree! (3.2.3)
7. A very hot Islander?! (4.7)
8. Go on – have a good feed! (4.2)
9. Is this small horse made of wool? (8.4)

RULES

1. You should print your answer clearly and send it – together with an entry form cut from the magazine to:- August Competition, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.
2. The competition is open to residents in the UK only, except employees of Modern Knitting Ltd., the magazine's typesetter, printer, distributor, employees of Bramwell Yarns and their relatives.
3. Your entry must reach us by 31st August 1993 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first 3 entries drawn from our postbag after the closing date (one £100-worth of Bramwell yarn and two £50-worth each of Bramwell yarn).
6. The winners will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

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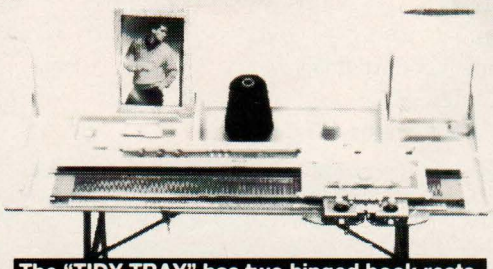

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RIGHT FRONT AND BACK PANEL

With carriage at right and half pitch lever on H5, push 86 Ns on each bed at centre to WP. Arrange Ns as in N diagram. Using MY, cast on and K 3 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Using MT–1/MT–1, K 2 rows *. ** Set RC at 000. Using MT/MT, cont in patt. K 152 rows. Place marker at right edge to mark front 'V' point. K 248 rows. RC shows 400. Place marker at left edge for shoulder point. K 248 rows. RC shows 648. Place marker at right edge to mark back 'V' point. K 152 rows. RC shows 800. Transfer sts for st st. K 1 row. Cast off, making chains in spaces where Ns are in NWP **.

LEFT FRONT AND BACK PANEL

Work as for right front and back panel to *, then from ** to **, reversing markers by reading left for right and right for left.

WELTS

With carriage at right, push 100 Ns on each bed to WP for double rib/full needle rib. Using MY, cast on and K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Set RC at 000. Using MT/MT, K 50 rows. Transfer sts for st st. Using MT+2, K 2 rows. Using WY, K a few rows and release from machine.

ARMHOLE BANDS

With carriage at right, push 80 Ns on each bed to WP for double rib/full needle rib. * Using MY, cast on and K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Set RC at 000. Using MT/MT, K 30 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine *.

NECKBANDS

With carriage at right, push 120 Ns on each bed to WP for double rib/full needle rib. Work as for armhole bands from * to *.

MAKING UP

Join centre front and centre back

pattern 2

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
Direct 4-ply.
1 x 500g cone in White (MY).

GARMENT WEIGHT
Finished garment weighs 475g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Direct Knitting and Sewing Supplies, 769 Attercliffe Road, Sheffield, South Yorkshire S9 3RE.

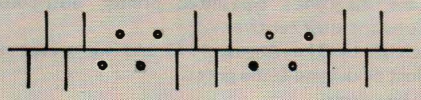
ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS
One size to fit bust up to 114 cm, 45in.
Length to shoulder 71.5 cm, 28 in.

TENSION
28 stitches on each bed (counting Ns in NWP as sts) and 66 rows to 10 cm, 4 in measured over pattern (tension dial approximately 5/5).
For perfect results, please check your tension carefully.

KNITTING NOTES
Count Ns in NWP as sts throughout.

Needle Diagram



Pattern
Set main bed carriage to tuck from left to right and ribber carriage to knit. Set half pitch lever to H4, K 4 rows. Set half pitch lever to H5, K 4 rows. These 8 rows form pattern.

27 ▶

2

Geometric gallery

TRELLIS

Jane Huntingford gives a whole new twist to the familiar garden trellis design. For most of us, a trellis means rambling roses or climbing clematis – for Jane it's the inspiration for her latest geometric design.

Whilst looking for inspiration for this month's design, I glanced at my favourite objects dotted around my home and decided to base my design on a white porcelain jardiniere!

It is a beautiful object which I have always found aesthetically pleasing – a handmade intricate design of interwoven twists of porcelain 'ropes' forming a network which led me to design 'Trellis'.

DESIGN IDEAS

'Trellis' is an all-over geometric pattern and is suitable for 24 stitch punchcard and electronic machines. 'Trellis' can easily be adapted as a stunning border design by using the first 24 rows of the punchcard chart, while for electronic machines you can use the electronic repeat twice (= 24 rows).

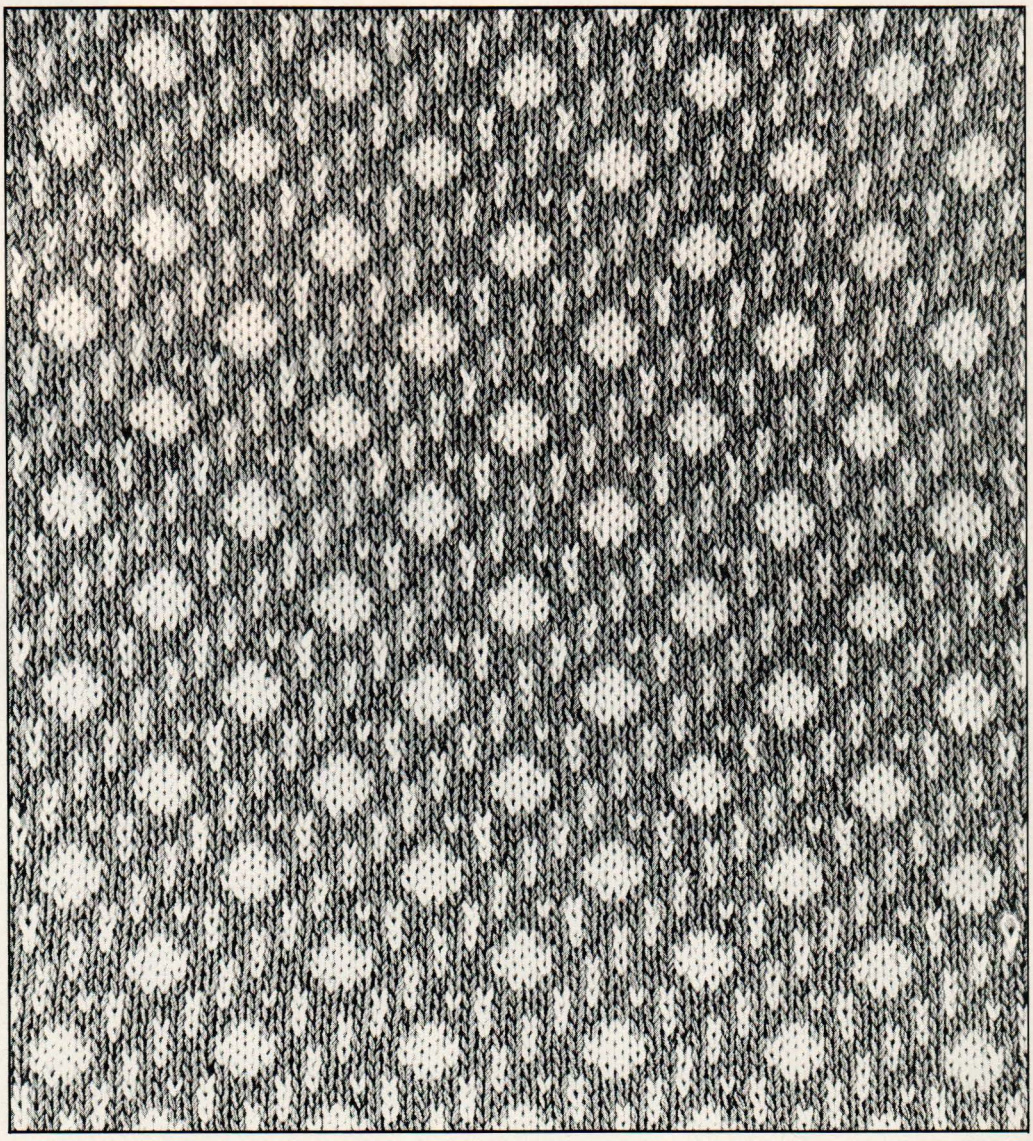
'Trellis' is a bold, intricate design and is particularly suitable for making garments for men and women. Use two bold contrasting colours such as black and white, navy and white and so on to enhance the prominent criss-crossing 'trellis' effect. For a subtle effect use softer toned colour combinations, or two shades of the same colour. For my samples I have chosen the colours within the plant that the jardiniere houses. To create the glazed lustre effect of porcelain I have used Brockwell Yarns Mercerised Cotton 4-ply – which has a sheen.

SAMPLE 1

(24 stitch Punchcard and Electronic Machines)

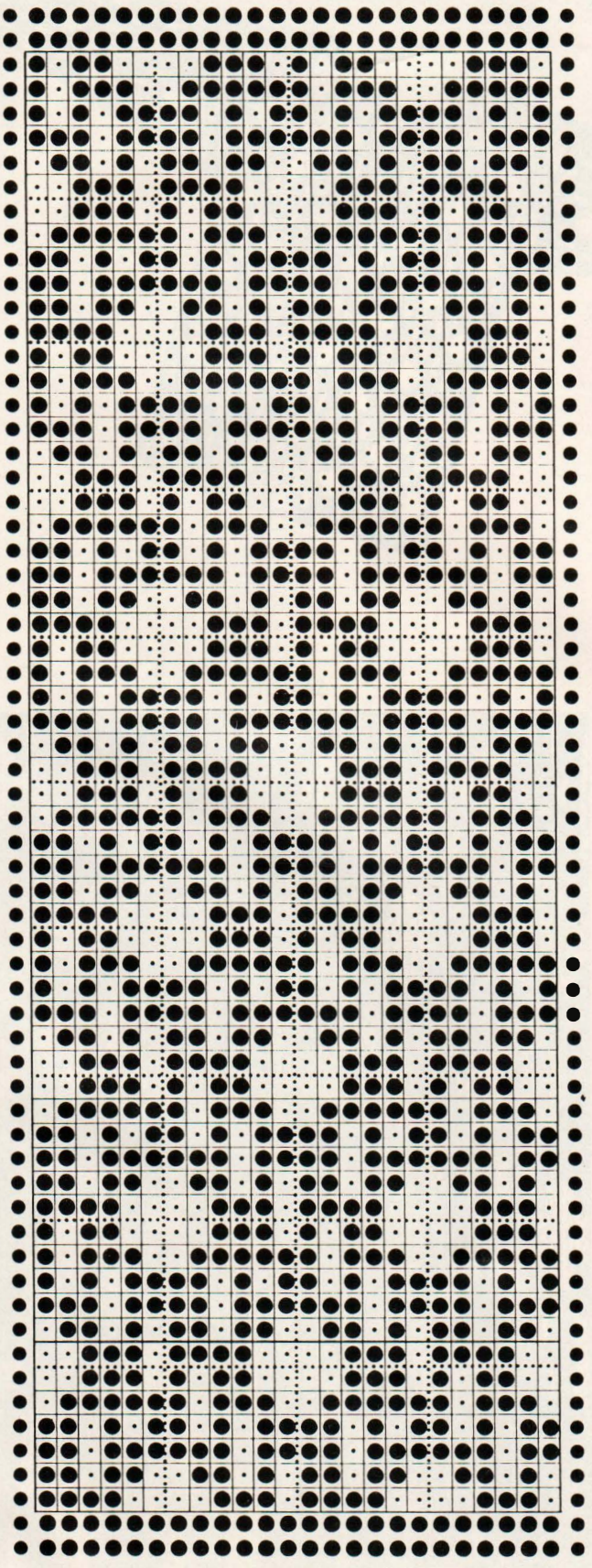
'Trellis' all-over design in a 12 row repeat (White background: shade 613 with Green contrast: shade 623).

SAMPLE 1



◀ 24

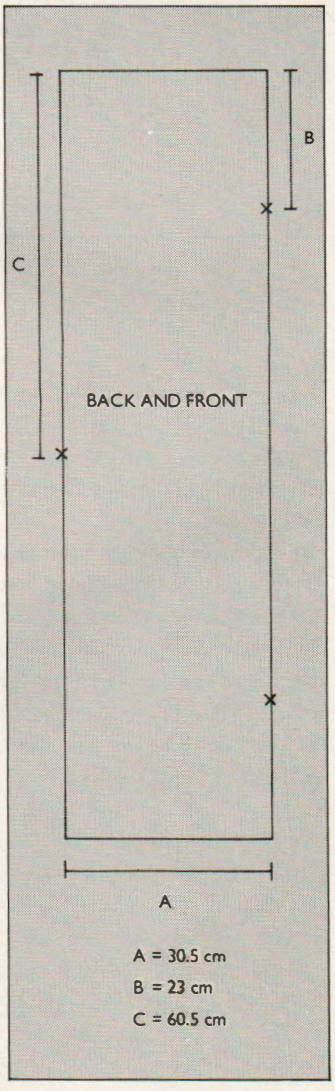
seams up to markers. Pin welts to lower edge of back and front, matching centres to seams. Unravelling WY as required, backstitch through open loops of last row worked in MY. Measure down approx 19 cm, 7 1/2 in from shoulder point and place markers for armhole edges. Pin armhole bands between markers. Unravelling WY as required, backstitch through open loops of last row worked in MY. Join side and band seams. Pin neckbands into position with ends at centre front and centre back. Unravelling WY as required, backstitch through open loops of last row worked in MY. Pin neckband to mitre points and backstitch neatly along inside. Fold back flaps and catch down neatly.



PUNCHCARD
'TRELLIS' ALL-OVER PATTERN

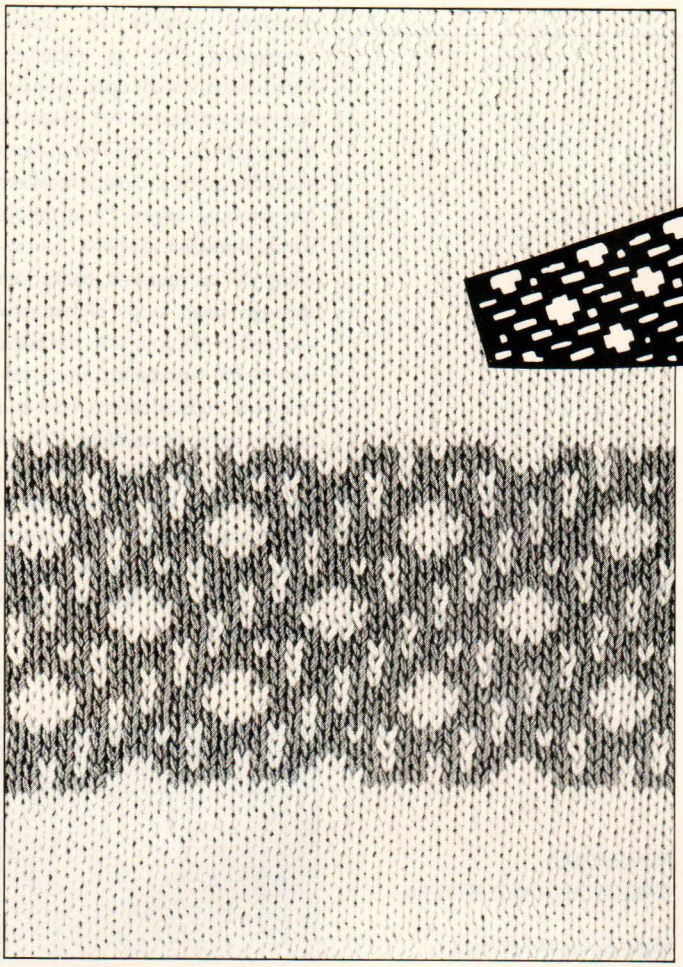
Note: For border pattern use first 24 rows

28 ▶

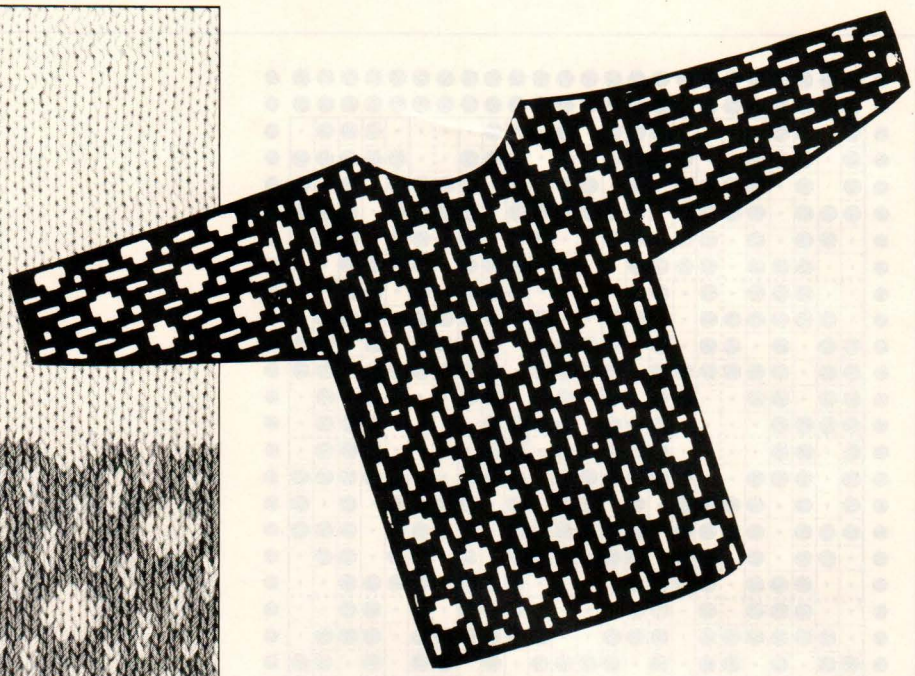


Geometric gallery

◀ 27



SAMPLE 2



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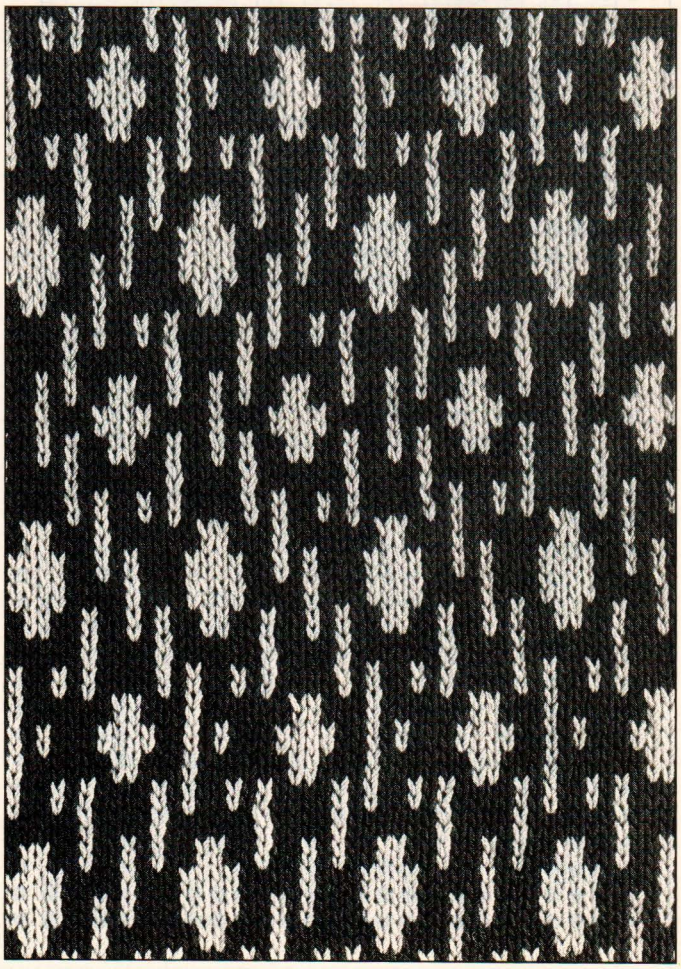


SAMPLE 2

(24 stitch Punchcard and Electronic Machines)

'Trellis' all-over design used as a border pattern by using the first 24 rows of the punchcard chart; for electronic machines use the electronic repeat twice = 24 rows (White background: shade 613 with Green contrast: shade 623).

SAMPLE 3

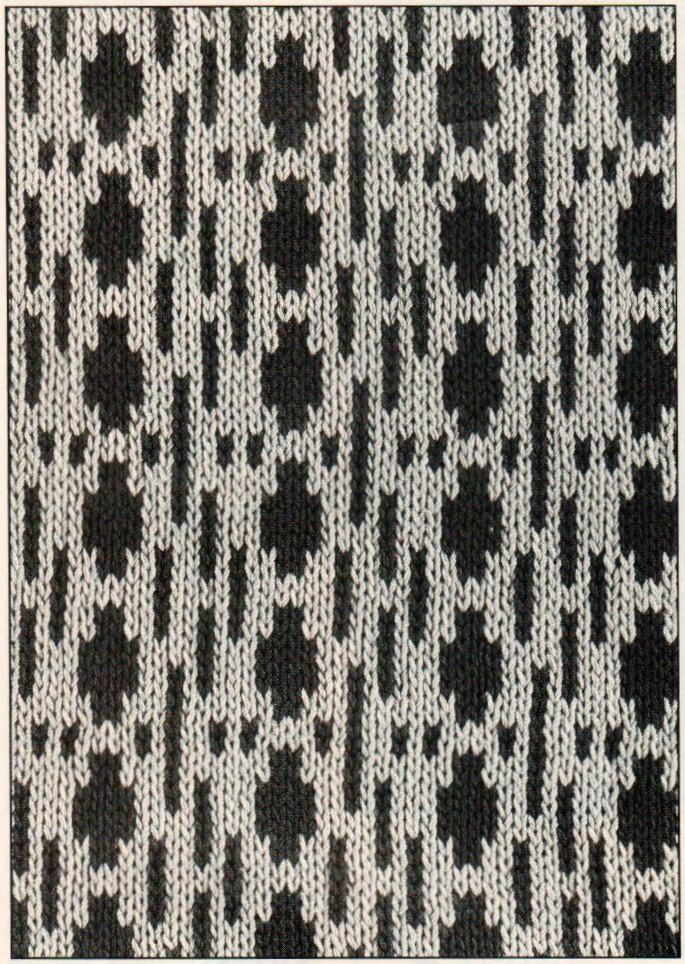
(Electronic Machines)

'Trellis' all-over design using DOUBLE LENGTH AND REFLECTION pattern variation facilities. When using these two pattern variations together, the point of contact between patterning is overlapped for two rows (Lilac background: shade 620 with Purple contrast: shade 657).

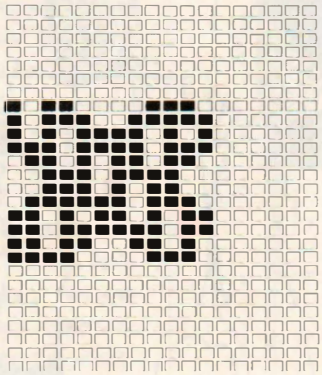
SAMPLE 4

(Electronic Machines)

'Trellis' all-over design repeating ROWS 4-9 INCLUSIVE using the DOUBLE LENGTH AND REFLECTION pattern variation facilities. When using these two pattern variations together, the point of contact between patterning is overlapped for two rows (Purple background: shade 657 with Lilac contrast: shade 620).



SAMPLE 4

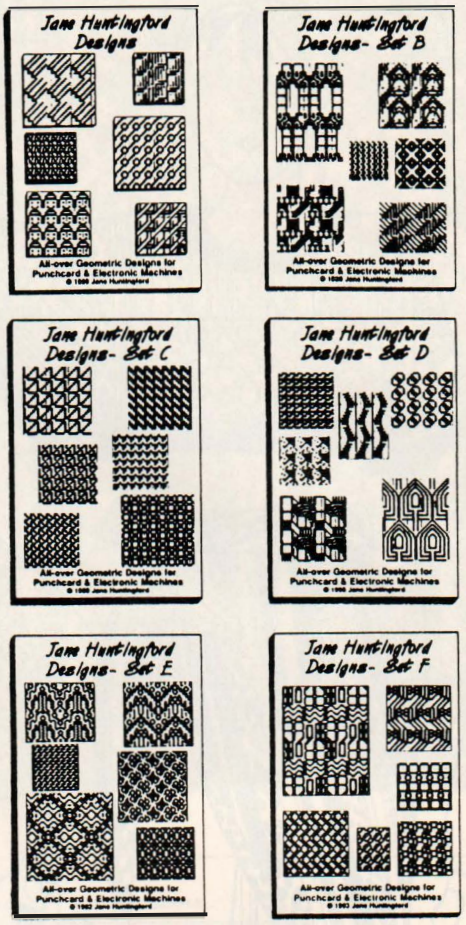


'TRELLIS' ALL-OVER REPEAT
= 12 stitches and 12 rows

For border use repeat twice = 24 rows

Jane Huntingford Designs

Geometric designs for 24 stitch punchcard and electronic machines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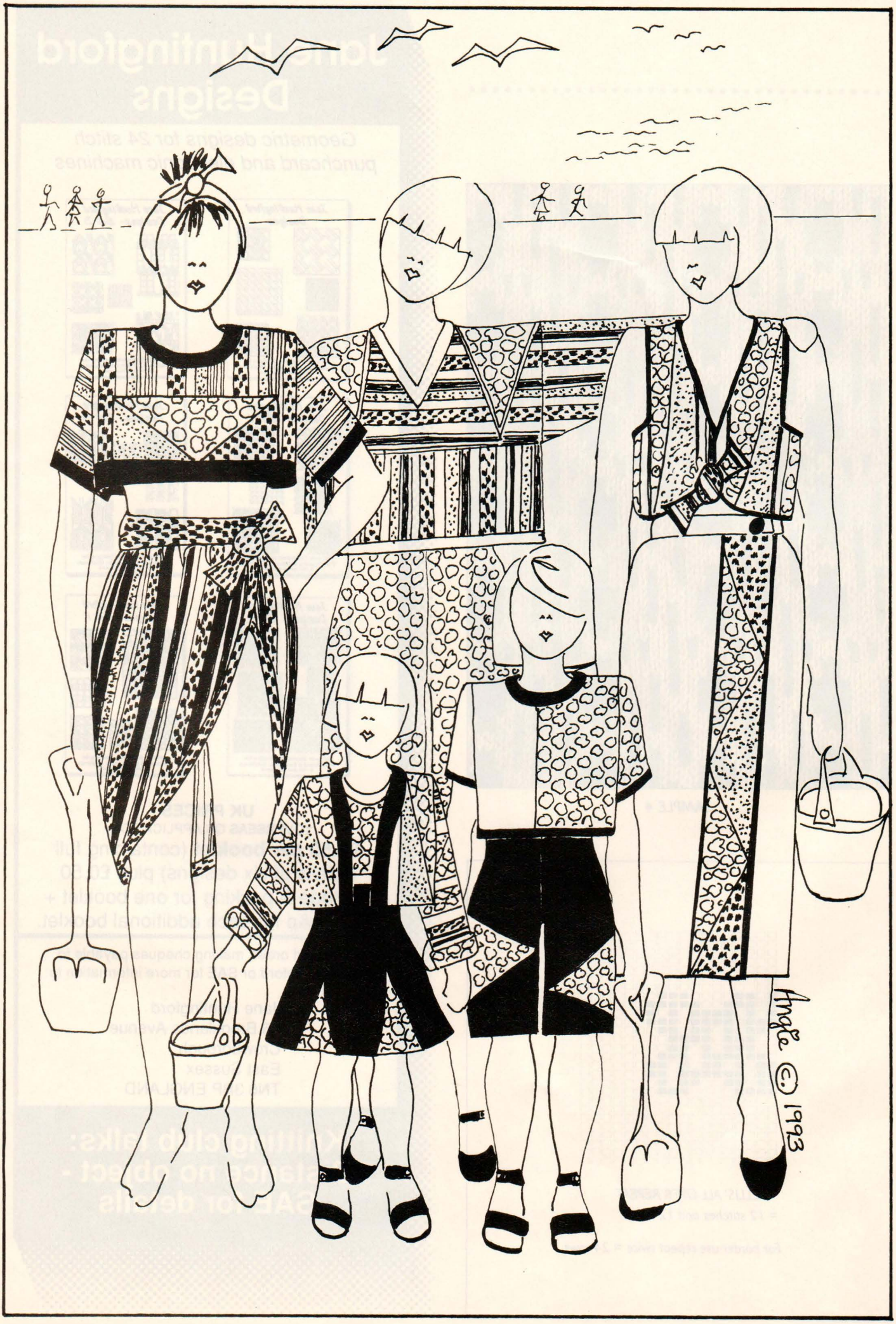
Knitting club talks: Distance no object - SAE for details


Angie © 1993

The swatch spot

It's that time of the year again, when everyone's thoughts turn to holidays – to sun, sea and sand, relaxing and enjoying our well-earned break. Then of course there's the 'holiday wardrobe' – the annual dilemma of what to take and what to leave behind. This month we get a little help from Angie as she tackles the 'problem' of leisurewear for holidays – while bringing us bang up to date with her clever combinations of stripes and florals, one of this season's hottest trends.

Last month I worked three designs using partial knitting; in the two previous months, I talked about using the standard punchcards which are supplied with the machine. This month I have combined these together with the use of Fair Isle to create three more designs.

This summer there are a lot of stripes and florals about, often used together. I have taken two standard Silver Reed punchcards, Cards 1 and 2 and used them with a small daisy floral and a striped Fair Isle based on Cards 1 and 2. The designs have been worked in a simple colour combination of blue and white, which gives a crisp and clear result. There are many colour combinations around this summer, the boldest being black or navy and white. For a very bright mixture use burnt orange, deep gold and royal blue with a hint of white. A delicate and softer combination can be achieved using pastels; mix pale and dusty pinks with lavender, pale blues with ivory or the softest grey. The use of colour and yarn will not only create summer fabrics but take the designs further into autumn and winter. For an autumnal effect use a mixture of browns and beiges and burgundies with a touch of dark green, or work burgundies, rusts and deep gold with navy.

A word of warning when using stripes and large shapes on garments. Work a swatch first and hold it up against you in front of a mirror. Stripes used horizontally can cause most people to look wider, so can large shapes on hips and bust. But if you are careful about where you use them on the garment they can be used to good effect.

NOTES

PUNCHCARDS

Four punchcards have been used. Two are from the standard Silver Reed collection, Cards 1 and 2. Other punchcards can be substituted. I suggest cards with small geometrics and small floral designs.

WEIGHTS

It is important with partial knitting to use as many weights as possible. Weigh down edges of work on hold and work in progress. Place all other weights evenly across all work. As knitting is worked move weights up.

HOLES

In order to avoid holes in the work, loop yarn around end needle in holding position each time a row is knitted. If there are more than three loops around a needle, work needle by dividing loops, placing half behind latch and half on the hook to produce a stitch. Knitting in loops does not spoil the work. Looping of the yarn at ends of rows will not be included in the instructions.

NEEDLES

Keep an eye on all needles, the stitches on the hold needles, especially at ends, will enlarge and can fall off the needles. Odd needles may also work themselves into working position.

FABRIC INSTRUCTIONS

YARNS USED

Brockwell Yarns 2-ply Mercerised Cotton. Single Strand.
Brockwell Yarns 3-ply Mercerised Cotton. Single Strand.
Bramwell Hobby Yarn. Single strand.
Col 1 – 1 strand 2-ply Cotton (Air Force Blue).
Col 2 – 1 strand Hobby (White).
Col 3 – 1 strand 3-ply Cotton (Navy).

Angie is available to give talks to knitting clubs. For more information please telephone her on 0293 523805

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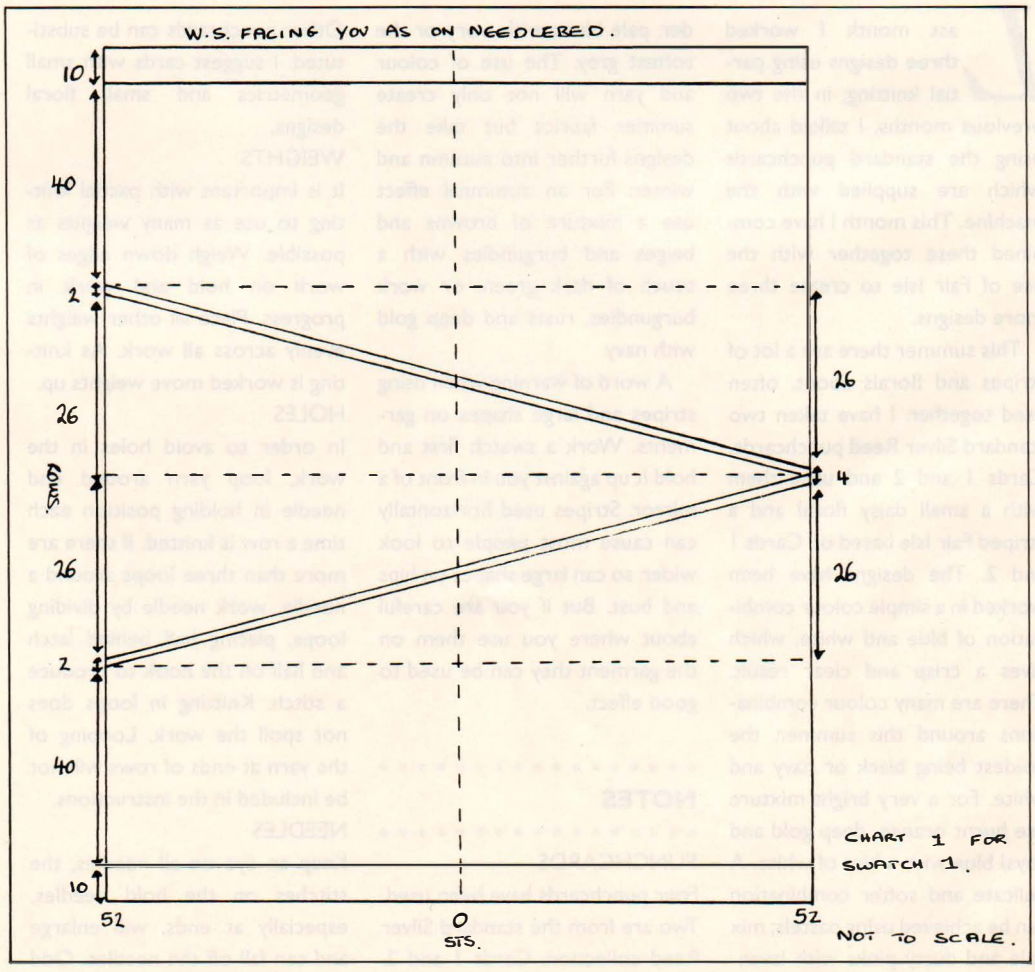
SWATCH 1

◀ 31

SWATCH 1

(For Standard Gauge Punchcard and Electronic Machines)

Push 52 Ns at right and left of centre 0 to WP (104 Ns). Insert card A and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1, cast on and knit 10 rows. Set carriage to Fair Isle. Release card. With Col 2 in feeder 1 and Col 1 in feeder 2, knit 40 rows. Set carriage levers to hold. With carriage at right, push 8 Ns at left edge of needlebed to HP. Knit 2 rows. * Push next 8 Ns to HP. Knit 2 rows *. Repeat from * to * until all Ns in HP. Remove card A and insert card B and lock on row 1. Set carriage to stockinet. Release hold levers. With Col 1 in feeder 1 only, knit 3 rows. With carriage at left, release card. Set carriage levers to hold. Set carriage to Fair Isle. Push all Ns except 8 Ns at left edge of needlebed to HP. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 2 rows. ** Push next 8 Ns to WP. Knit 2 rows **. Repeat from ** to ** until all Ns in WP. With carriage at left, push 8 Ns at right edge of needlebed to HP. Knit 2 rows. *** Push next 8 Ns to HP. Knit 2 rows ***. Repeat from *** to *** until all Ns in HP. Remove card B and insert card A and lock on row 1. Release hold levers. Set carriage to stockinet. With Col 1 in feeder 1 only, knit 3 rows. Carriage is at right. Reset carriage hold levers. Set carriage to Fair Isle. Release card. Push all Ns except 8 Ns at right edge of needlebed to HP. With Col 2 in feeder 2 and Col 1 in feeder 2, knit 2 rows. + Push next 8 Ns to WP. Knit 2 rows +. Repeat from + to + until all Ns in WP. Release hold levers. Knit 40 rows. Remove card. Set carriage to stockinet. With Col 1 in feeder 1 only, knit 10 rows and cast off. Sew in all ends. Give swatch a light steam on wrong side.



SWATCH 2

(For Standard Gauge Punchcard and Electronic Machines)

Push 56 Ns at right and left of centre 0 to WP (112 Ns). Insert card 2 and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1, cast on and knit 10 rows.

1* Release card. Set carriage to Fair Isle. With Col 1 in feeder 1 and Col 3 in feeder 2, knit 6 rows *. Remove card and insert card 1 and lock on row 1. Set carriage to stockinet.

2* With Col 1 in feeder 1 only, knit 2 rows *.

3* With Col 2 in feeder 1 only, knit 2 rows *.

4* With Col 1 in feeder 1 only, knit 2 rows *.

5* With Col 3 in feeder 1 only, knit 3 rows *.

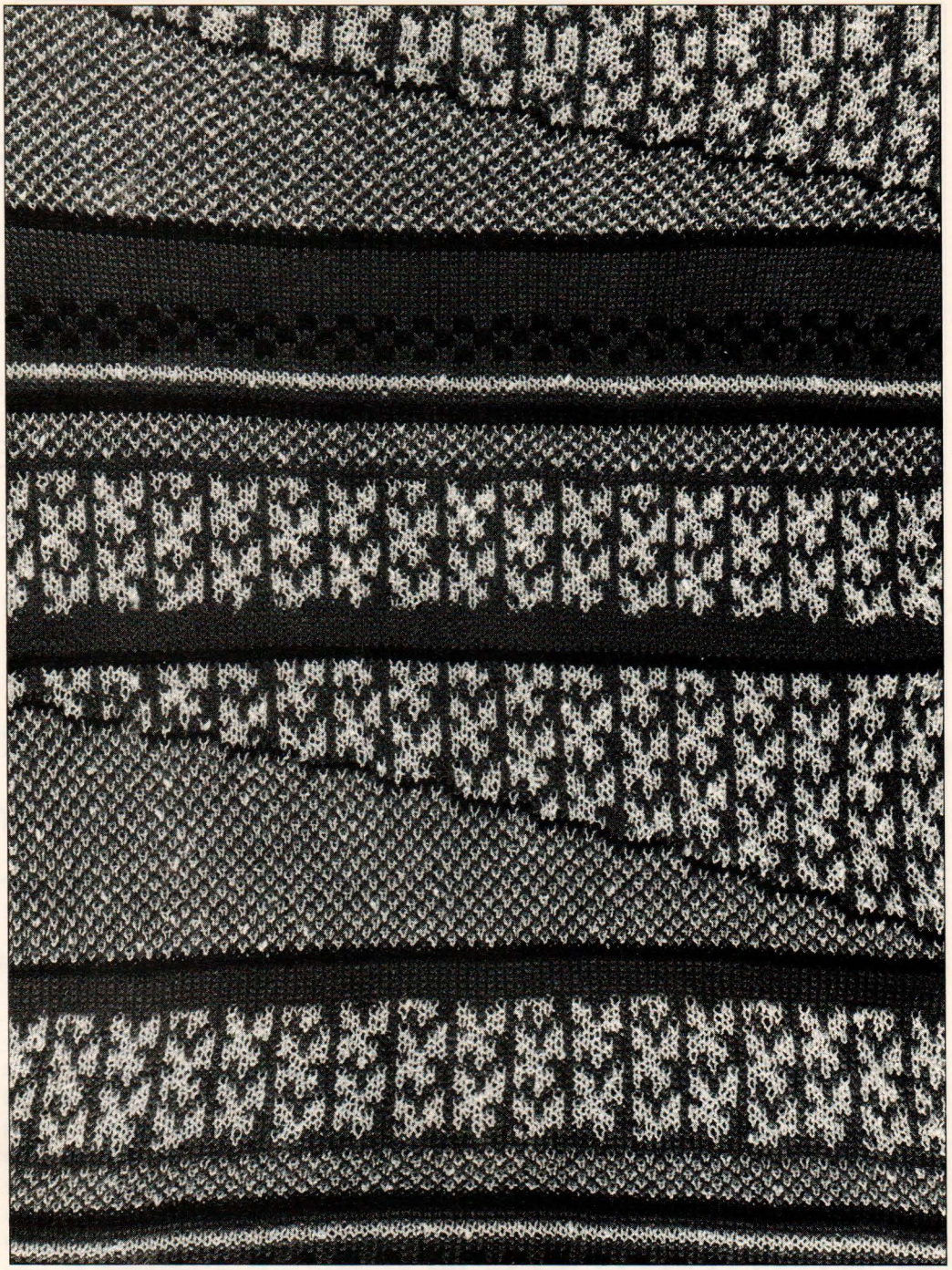
6* Release card. Set carriage to Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 5 rows *. Remove card and insert card B and lock on row 1.

7* Set carriage to stockinet. With Col 1 in feeder 1 only, knit 2 rows *.

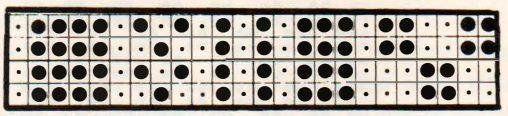
8* Set carriage to Fair Isle. Release card. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 16 rows *. Remove card and insert card 1 and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1 only, knit 6 rows. With Col 3 in feeder 1 only, knit 2 rows.

+++ Release card. Set carriage to Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 2 rows. Set carriage hold levers. Carriage is at right. Push 8 Ns at left edge of needlebed to HP. Knit 2 rows. * Push next 8 Ns to HP. Knit 2 rows *. Repeat from * to * until all Ns in HP. Remove card 1 and insert card B and lock on row 1. Memorise row. Release hold levers. Set carriage to stockinet. With Col 3 in feeder 1, knit 1 row. Carriage is at left. Set carriage hold levers. Set carriage to Fair Isle. Release card. Push all Ns except 8 Ns at left edge to HP. Knit 2 rows. ++ Push next 8 Ns to WP. Knit 2 rows ++. Repeat from ++ to ++ until all Ns in WP. Knit 2 rows +++.

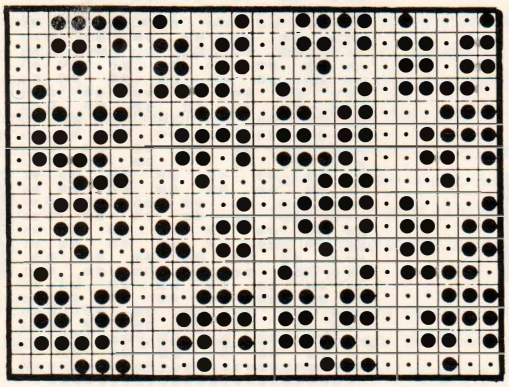
Reset card B to row 1 and lock. Release hold levers. Set carriage



SWATCH 2



CARD A
Repeat = 4 rows and 24 sts
Punchcard will need to be long enough to clip together



CARD B
Repeat = 16 rows and 12 sts
Punchcard will need to be long enough to clip together

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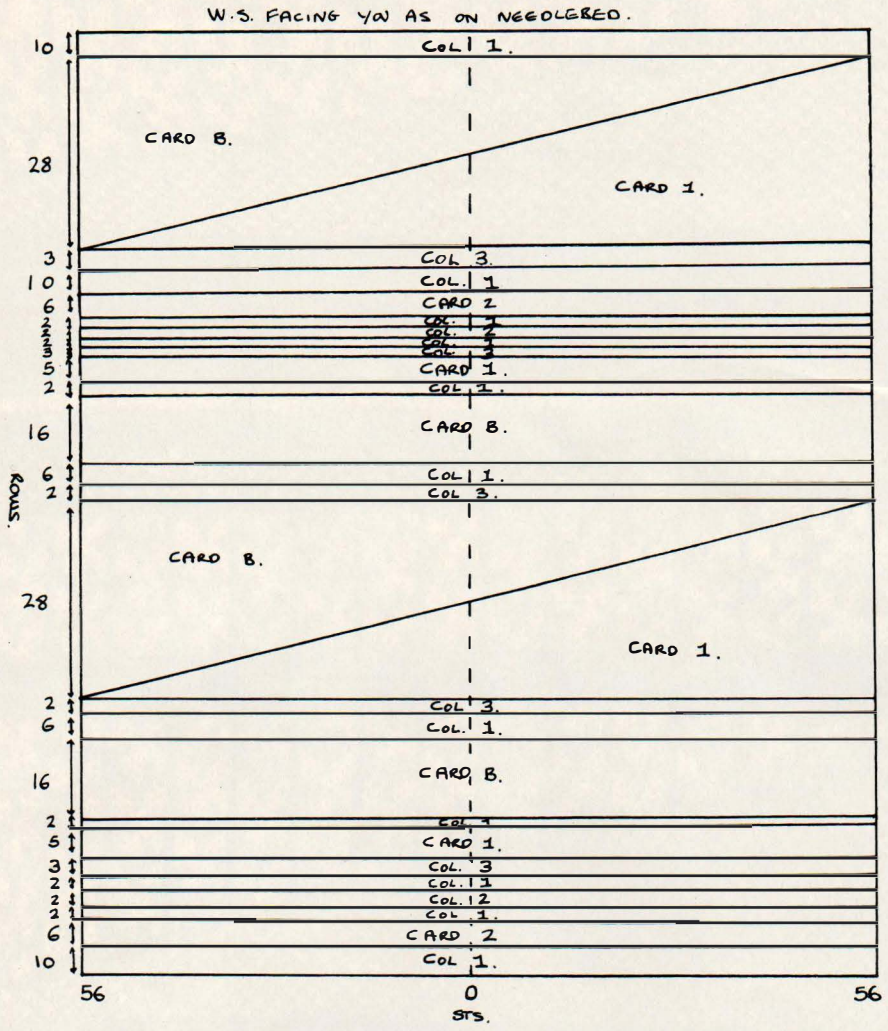


CHART 2 FOR SWATCH 2.
NOT TO SCALE.

to stockinet. With Col 3 in feeder 1 only, knit 2 rows. With Col 1 in feeder 1 only, knit 6 rows.

Repeat from 8* to *.

Remove card and insert card 1 and lock on row 1.

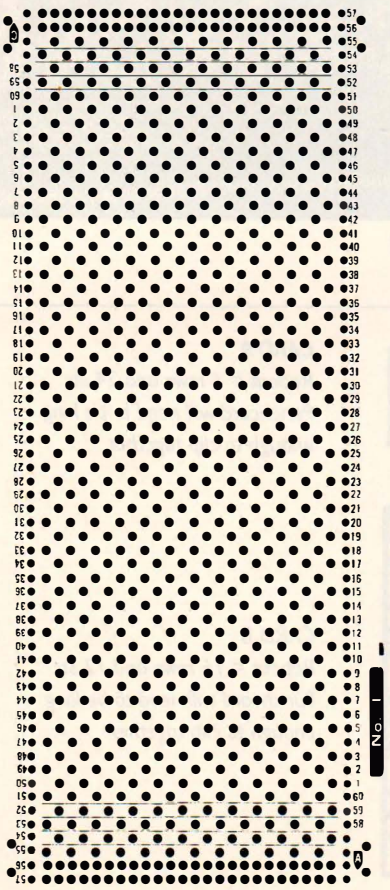
Repeat from 7* to *.
Repeat from 6* to *.
Remove card and insert card 2 and lock on row 1. Set carriage to stockinet.

Repeat from 5* to *.
Repeat from 4* to *.
Repeat from 3* to *.
Repeat from 2* to *.
Repeat from 1* to *.

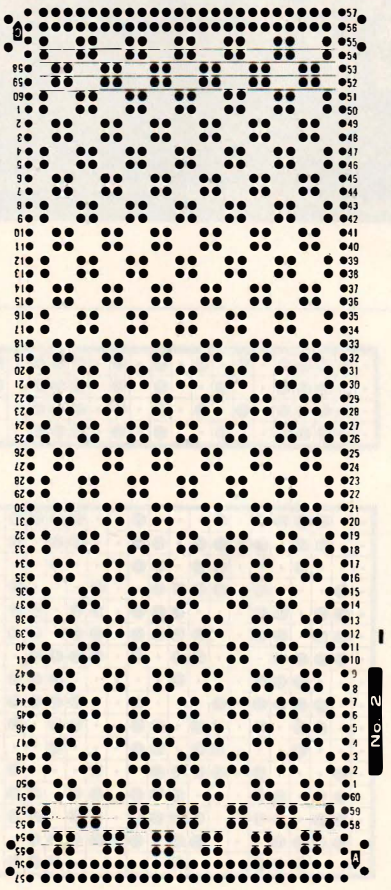
Remove card and insert card 1 and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1, knit 10 rows. With Col 3 in feeder 1, knit 3 rows.

Repeat from +++ to +++.

Remove card. Release hold levers. Set carriage to stockinet. With Col 3 in feeder 1, knit 2 rows. With Col 1 in feeder 1, knit 10 rows and cast off. Sew in all ends. Give swatch a light steam on wrong side.



CARD 1



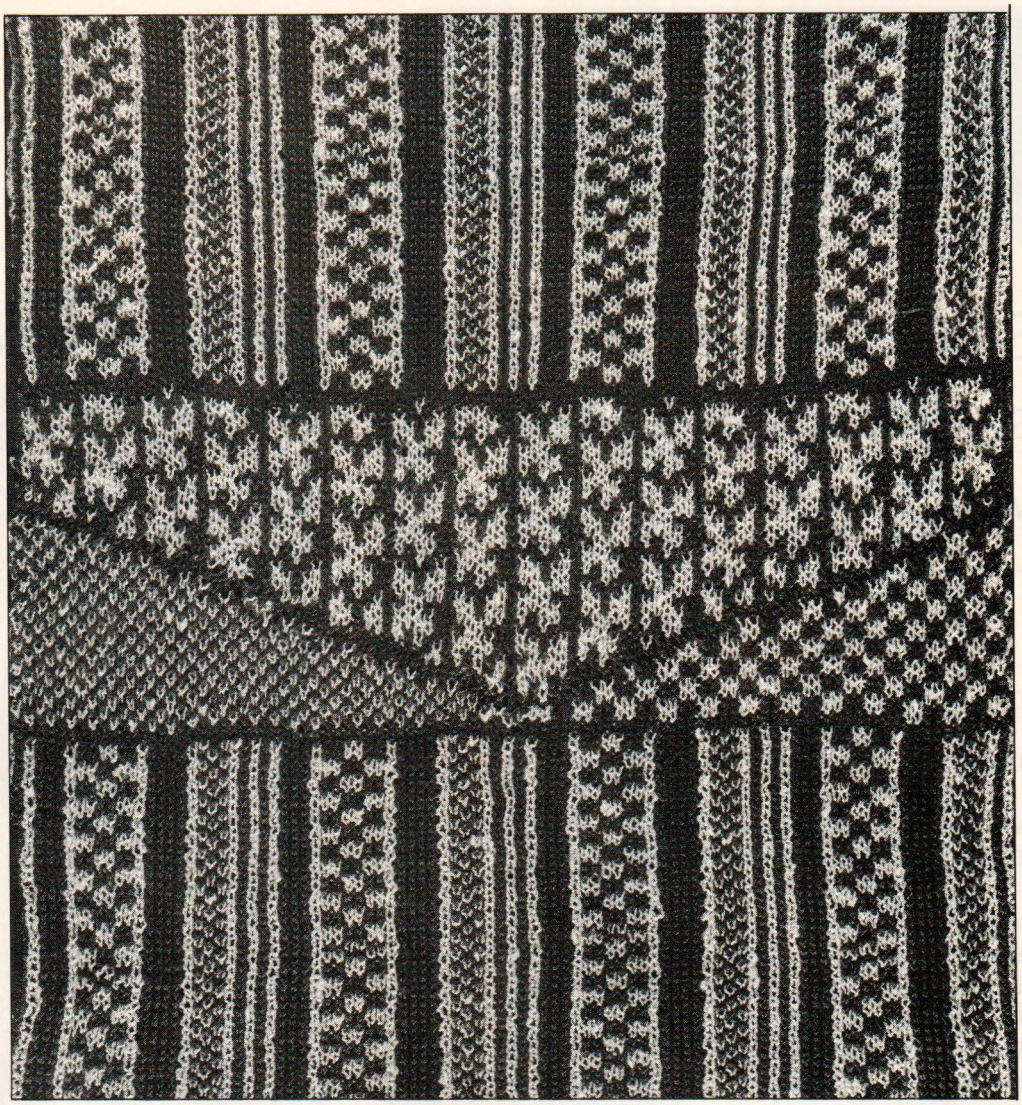
CARD 2

These punchcards are reproduced courtesy of Silver Knitting Machines Ltd.

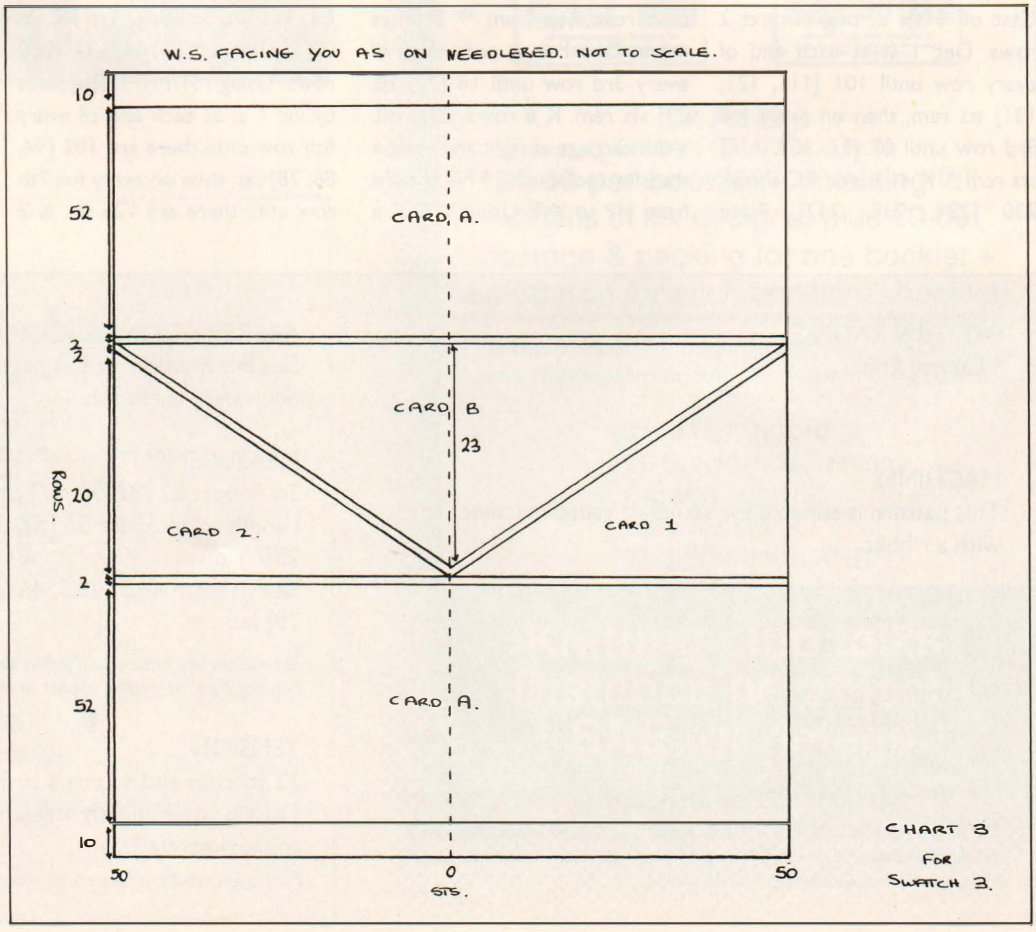
SWATCH 3

(For Standard Gauge Punchcard and Electronic Machines)

Push 50 Ns at right and left of centre 0 to WP (100 Ns). Insert card A and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1, cast on and knit 10 rows. Release card. Set carriage to Fair Isle. With Col 2 in feeder 1 and Col 1 in feeder 2, knit 52 rows. Remove card A and insert card 1 and lock on row 1. With Col 1 in feeder 1, knit 2 rows. Set carriage hold levers. Set carriage to Fair Isle. Push 50 Ns at left of centre 0 to HP. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 2 rows. Push 5 Ns at right of centre 0 to HP. Knit 2 rows. * Push next 5 Ns next to Ns on hold to HP. Knit 2 rows *. Repeat from * to * until all Ns in HP. Push 50 Ns at left of centre 0 to WP. Remove card 1 and insert card 2 and lock on row 1. Memorise row and release card. with Col 1 in feeder 1 and Col 2 in feeder 2, knit 2 rows. Push 5 Ns at left of centre 0 to HP. Knit 2 rows. ** Push next 5 Ns next to Ns on hold to HP. Knit 2 rows **. Repeat from ** to ** until all Ns in HP. Release hold levers. Set carriage to stockinet. Remove card 2 and insert card B and lock on row 1. With Col 1 in feeder 1, knit 2 rows. Set carriage to Fair Isle. Reset hold levers. Release card. Push 1 N at right and left of centre 0 to WP. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 1 row. Carriage is at right. + Push next 2 Ns at left of centre 0 to WP. Knit across row. Push next 2 Ns at right of centre 0 to WP. Knit across row +. Repeat from + to +. ++ Push 5 Ns at left to WP. Knit across row. Push 5 Ns at right to WP. Knit across row ++. Repeat from ++ to ++ until all Ns in WP. Release hold levers. Knit 12 rows. Remove card B and insert card A and lock on row 1. Set carriage to stockinet. With Col 1 in feeder 1, knit 2 rows. Release card. Set carriage to Fair Isle. With Col 2 in feeder 1 and Col 1 in feeder 2, knit 52 rows. Remove card. Set carriage to stockinet. With Col 1 in feeder 1, knit 10 rows and cast off. Sew in all ends.



SWATCH 3



Slim-line tonic

Stir those memories of the Sixties when skinny rib sweaters were all the rage – and shapely was the way to be. Our long-sleeved skinny rib clings where it touches as fashion comes full circle.

BACK

With carriage at right and using MT–2/MT–2 and MY, cast on 127 [137, 147, 157] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–1/MT–1, K 2 rows. Using MT/MT, K 154 [158, 162, 166] rows. RC shows 156 [160, 164, 168].

Shape Armholes

Cast off 3 sts at beg of next 2 rows. Dec 1 st at each end of every row until 101 [111, 121, 131] sts rem, then on every foll 3rd row until 87 [97, 107, 117] sts rem *. K 41 rows. RC shows 230 [234, 238, 242]. Place marker at each side of centre 51 sts. Cast off.

FRONT

Work as for back to *. K 15 rows. 26 rows less have been worked to shoulder than on back.

Shape Neck

Push 53 [58, 63, 68] Ns at left to HP and cont on rem sts for first side. ** Dec 1 st at neck edge of next row. Cast off 2 sts at beg of next row. Rep from ** 3 times more. Dec 1 st at neck edge of every 3rd row until 18 [23, 28, 33] sts rem. K 6 rows. Cast off. With carriage at right and using a transfer tool, push 19 Ns at right from HP to WP. Using WY, K a few rows and release from machine. With carriage at left and using a transfer tool, push rem Ns from HP to WP and finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MT–2/MT–2 and MY, cast on 70 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–1/MT–1, K 2 rows. Using MT/MT, shape sides by inc 1 st at each end of every 6th row until there are 102 [94, 86, 78] sts, then on every foll 7th row until there are 126 sts. K 2 rows. RC shows 184 [188, 192, 196].

Shape Top

Cast off 3 sts at beg of next 2 rows. Dec 1 st at each end of every row until 66 sts rem. Cast off 2 sts at beg of next 4 rows, 3 sts at beg of next 4 rows and 6 sts at beg of next 4 rows. Cast off rem 22 sts.

NECKBAND

Join right shoulder seam. Push 121 Ns to WP. With right side facing, pick up sts around neck edge and place on to Ns. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT/MT, K 12

pattern 3

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
Spectrum Linaria 4-ply.
1 x 500g cone in White (MY).

GARMENT WEIGHT
Finished garment in second size weighs 275g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns Ltd., Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS
To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Length to shoulder 56 [57, 58, 59] cm, 22 [22½, 23, 23½] in.
Sleeve seam 44.5 [45.5, 46.5, 47.5] cm, 17½ [18, 18½, 19] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
32 stitches and 41 rows to 10 cm, 4 in measured over 1x1 rib when slightly stretched (tension dial approximately 3/3).

For perfect results, please check your tension carefully.

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3

Helpline

Take this opportunity to write in with your machine knitting queries. We will publish answers and advice for the benefit of other *Modern Machine Knitting* readers.

ELECTRONIC OR NOT?

It is strange how letters come in batches and hot on the tail of Mrs Bentley's letter (July MMK) was this one from Mrs Jeannette Robinson of Brighton.

I have been knitting away happily on my punchcard machine now for years and I am sure that if I had it for another 20 years I would never do everything that it is capable of. However, I keep reading the advertisements for the latest machines and the Silver Reed, especially interests me. I have no knowledge of computers and I think that I would be hopeless with them, but when I see what these new machines can do I am very tempted. I am 55, so although I am no spring chicken, I still have lots of energy and I am a dedicated knitter and think that I will be until I am too old to push the carriage. What do you think?

If your only reservation is the fact that the machine is computerised then you need have no fear. The latest Silver Reed machine is so logical and so straightforward to use that you need not worry. The instruction book is good and there are videos, classes and plenty of reading material to see you through the first stages.

SUGGESTIONS

We were discussing your letter in the office and here are a few suggestions from 'the team'.

1. Find either a machine knitter in a local club or a machine knitting dealer who will show you the machine and better still, let you have a go. A look at a machine in the peace of someone's home is ideal because you are less likely to have interruptions and you will probably be able to have a go for yourself. Knitting machine dealers are usually most helpful but the law of averages indicates that just as you sit down for a demonstration the shop will fill up!

2. Exhibitions. We discussed exhibitions and we decided that there are points for and against buying at these events. On the plus side, the demonstrators are geared to giving you their time and advice and they will willingly put the machine through its paces for you, also, there is the advantage usually of a special offer on price at the exhibitions and we could all do with a little financial help. On the other hand, you could buy from an exhibition and then have nowhere locally that you can go to for advice . . . check before you buy and make sure that one way or another you are assured of after sales and service. If in doubt the head offices will always put you in touch with your nearest stockist.

3. LAST THOUGHTS. Re-reading your letter, Jeannette, we think that you have really already made up your mind and only needed some encouragement before you take the plunge. We would say that it is only a mistake to change from a punchcard to an electronic machine if you do not then exploit the potential of the new machine. Pretend that it is your first machine, start on page one and work your way through the instructions, have a couple of lessons if they are available and then you won't fall into the trap that some knitters fall into . . . that of only knitting on your electronic machine what you could have knitted on your punchcard. Good luck, you are in for some interesting knitting and don't forget you can always write to us with any problems and in the absence of any of those then write and let us know how well you are doing.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you ore an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to 'Helpline', MMK, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR, enclosing a SAE if you would like a personal reply. We'll pay £5.00 for every letter we publish.

SLIP UP . . .

Mrs Burton from Woodgate Valley, Birmingham, writes to us: 'I had a Knitmaster 360 Knitting Machine for about eight years and have recently passed it on to one of my relatives. I then purchased a secondhand Knitmaster 700 and I have one problem. When I am doing just a few rows Tuck or Slip stitch I have trouble as follows: I knit one row from right to left in stocking stitch and then when I knit from left to right the carriage just slips across and leaves the yarn at the left. I have my side levers out but the only way it will knit is if I bring all the needles forward.'

Dear Mrs Burton,

I think that what you are doing by putting your side levers forward is actually setting the whole bed to slip across without knitting, although it is difficult to be sure without confronting your machine. However, in order to intentionally slip across the work without knitting, (for example, if you have unpicked a row and your carriage is on the wrong side), to return the carriage to the other side without knitting you do have to bring your side levers forward and put your cam lever on slip and this is what I think you are doing. By bringing the needles out to the holding position you will make them knit back so long as your HCL levers are in the knit position. Another possibil-

ity is that you have not placed the knitting centrally and therefore you are not passing the pattern card completely; this could cause the work to slip across without knitting. So, make sure that 1) your side levers are back and 2) that you take the carriage completely past the pattern panel each row. I hope that this solves the problem. If it does not, then please get back to us and we will think again.

FINE YARNS

A reader from South London tells us 'A while ago I was persuaded to buy a whole batch of fine yarns. They are all in different thicknesses, some finer than others and some are shiny whilst others are knobbly. I have had very little success with these yarns, they do not knit easily through the machine and when I put several strands together, they tangle and cause me no end of trouble. Any tips please and please don't print my name as I feel a bit silly left with all this yarn.'

Do not despair . . . it is a mistake, I feel, for new knitters to buy fine yarns as their first materials for learning on and unfortunately it quite often happens that these yarns are recommended to them as being economical and excellent. Indeed they are, BUT there are a few guidelines to using them. For a new knitter, a good quality 4-ply acrylic in a light colour is by far the best yarn to practice on. It won't give you any trouble, it is quite inexpensive and you can forget about it and concentrate on the machine itself. However, once you have reached the stage where you do not need to look at your instruction book every few minutes and you feel more confident with your machine THEN the fine yarns, industrial yarns really come into their own.

PREPARATION

These yarns do need some preparation; that is, they usually need rewinding from the cone if you are knitting several strands together to obtain the right thickness. If the cone is enormous and you are knitting two or three strands together, it is usually better to knit entirely from balls, for example three balls rather than two balls and the cone. This is because the yarn will flow from the cone at a much slower rate than from the balls if it is a large cone and that will cause tangling before the yarns reach the feeder. When you wind the yarn into balls it helps to have something on your wool winder that you can remove with the ball, rather than just removing the ball from the winder. If the ball is on its own, it tends to collapse as it gets smaller and you waste some of it before the ball is finished. A toilet roll centre or a cut down kitchen roll tube works well and it is possible to buy extra heads for the wool winders so that you can remove the yarn on the head and leave it on that until the ball is finished. This is ideal because the holder is on a small base and will not tip up. If you are using a cardboard tube of some sort, it helps to stand it over something to prevent it from tipping. A piece of wooden dowelling sticking out of a small board will do or a ribber weight works well.

Thread all three strands through the same yarn brake and into the feeder and they will mostly twist together as they work through. Just keep an eye on them and give them a gentle pull down if they are looping. Try to keep your balls the same size and they will knit off at the same rate and are less likely to tangle.

Have the balls and/or cones on the floor rather than on the back of your knitting table. They will run much better if they have a bit of distance to travel first.

You can if you wish wind from two or three cones into one ball and this helps twist the yarn. As you wind, put some tension on the yarns, let them run through your fingers with a bit of tension on them and then they will run off the ball smoothly. If you are winding several strands together on to one ball, it is best to wind on to some kind of holder as described earlier.

THE CONES

If you are fortunate enough to have two or three cones of the same yarn, then you can knit straight from the cones. However, if the cones are lined up under your machine, especially if they are large cones, the yarn will still not flow evenly as it will have different distances to travel to the yarn brake.

There are one or two ways to overcome this. One way is to have a series of shelves with a hole in each shelf. One cone stands on the floor and the thread from that cone passes up through the hole above and then through the centre of the cone above and then the two yarns from the first and second cones travel together up through the next cone and then finally the three strands travel together up to the yarn brake. This sounds a bit fiddly, but once you have a system it is easy and it works. Upturned cardboard boxes will suffice as shelves or I have known some ingenious knitters who have made use of a three tier vegetable rack!

THE ULTIMATE

The ultimate, of course, is a yarn mixer and although these are quite expensive, if you are going to be using a lot of industrial yarn, then it is an investment and like all your accessories it will earn its keep if you use it.

BE CREATIVE

Don't worry too much about what number of strands make what ply yarn. All you need to know at the end of the day is what stitch size it knits up to and how many stitches and rows it makes to ten centimetres or whatever measure you are using. These fine yarns give you a wonderful opportunity to be creative and produce some unusual fabrics and colour combinations. Try stranding together three different shades of blue and you will have a lovely shade effect. Three strands of completely different colours will give you a random effect and stranding two plain and one knobbly yarn will give an interesting texture ... likewise mix shiny and matt yarns together.

JACQUARD

These fine yarns, stranded together, make wonderful jacquard patterns. The varying colours tend to minimise the 'grinning through' of the pattern colour on the background and give the impression of having used lots of colours.

43 ▶

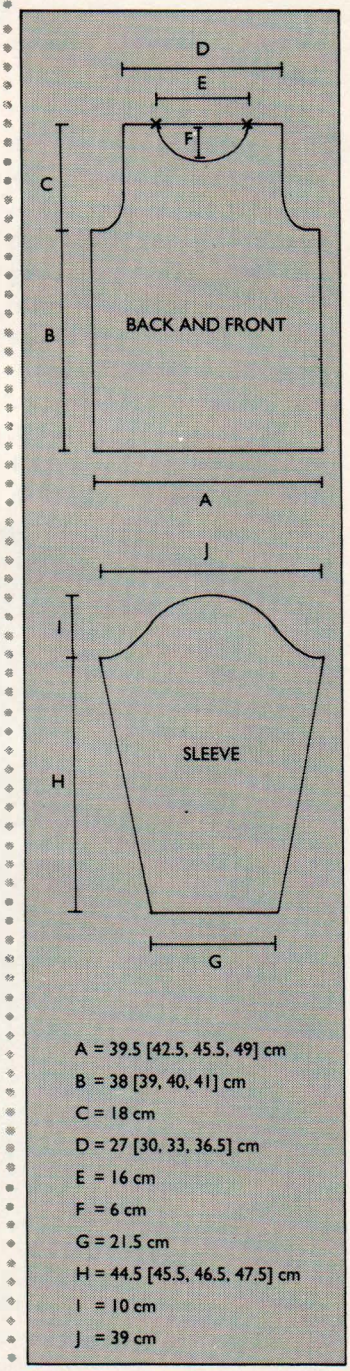
Slim-line tonic

◀ 36

rows. Transfer sts for st st. K 1 row. Using WY, K a few rows and release from machine.

MAKING UP

Join left shoulder, neckband, side and sleeve seams. Set in sleeves. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY.



A = 39.5 [42.5, 45.5, 49] cm
B = 38 [39, 40, 41] cm
C = 18 cm
D = 27 [30, 33, 36.5] cm
E = 16 cm
F = 6 cm
G = 21.5 cm
H = 44.5 [45.5, 46.5, 47.5] cm
I = 10 cm
J = 39 cm

Waist of time

The traditional waistcoat is making a real comeback – and Nineties-style it makes a truly versatile addition to your summer wardrobe. In cool white, it will team with most of your shorts and skirts for a stylish new look.

pattern 4

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
Spectrum Linaria 4-ply.
1 x 500g cone in White (MY).
7 buttons.

GARMENT WEIGHT
Finished garment in second size weighs 295g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns Ltd., Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

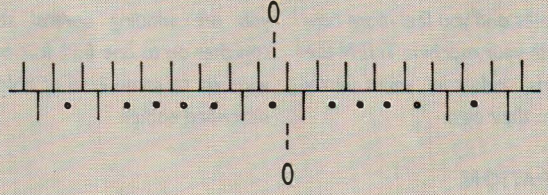
ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS
To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Actual size 98 [102, 106, 110] cm, 38½ [40, 42, 43½] in.
Length to shoulder 86 [86, 89, 89] cm, 34 [34, 35, 35] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches on back bed and 38 rows to 10 cm, 4 in measured over pattern (tension dial approximately 7/6).
For perfect results, please check your tension carefully.

KNITTING NOTES
Needle Diagram



Pattern
Set half pitch lever to H3, K 2 rows. Set half pitch lever to H5, K 2 rows. These 4 rows form pattern.
Decreasings are given for back bed only. Stitches on front bed should be decreased as they occur.

BACK

With carriage at right and half pitch lever on H5, push 174 [180, 186, 192] Ns on each bed at centre to WP. Using MT–7/MT–6 and MY, cast on. Using MT–5/MT–4, K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Transfer sts as in N diagram. Set RC at 000. Using MT/MT, cont in patt. Shape sides by dec 1 st at each end of every 19th [19th, 20th, 20th] row until 150 [156, 162, 168] sts rem. RC shows 228 [228, 240, 240].

Shape Armholes
Cast off 7 sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 120 [126, 132, 138] sts rem, then on every foll 4th row until 108 [114, 120, 126] sts rem. K 58 rows. RC shows 327 [327, 339, 339]. Place marker between sts 30 and 31 at left and right of centre 0. Transfer sts to back bed. Cast off.

LEFT FRONT

With carriage at right and half pitch lever on H5, push 87 [90, 93, 96] Ns on each bed at right of centre to WP. Using MT–7/MT–6 and MY, cast on. Using MT–5/MT–4, K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Transfer sts as in N diagram. * Set RC at 000. Using MT/MT, cont in patt. K 1 row for right front only. Shape side by dec 1 st at right edge of every 19th [19th, 20th, 20th] row until 77 [80, 83, 86] sts rem. K 17 [17, 19, 19] rows.

Shape Front Edge
Place marker at left edge. Cont to dec at right edge on every 19th [19th, 20th, 20th] row from previous dec and, AT THE SAME TIME, dec 1 st at left edge on every 4th row until 70 [73, 76, 79] sts rem.

Shape Armhole
Cont to dec at front edge on every 4th row from previous dec

42 ▶

designer yarns

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1113

Waist of time

◀ 40

and, AT THE SAME TIME, cast off 7 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 51 [54, 57, 60] sts rem, then on every foll 4th row until 39 [42, 45, 48] sts rem. Cont to dec at front edge only on every 4th row from previous dec until 24 [27, 30, 33] sts rem. Cast off *.

RIGHT FRONT

With carriage at right and half pitch lever on H5, push 87 [90, 93, 96] Ns on each bed at left of centre to WP. Using MT–7/MT–6 and MY, cast on. Using MT–5/MT–4, K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Transfer sts as in N diagram. Work as for left front from * to * noting alteration in number of rows and reading left for right and right for left.

ARMHOLE BANDS

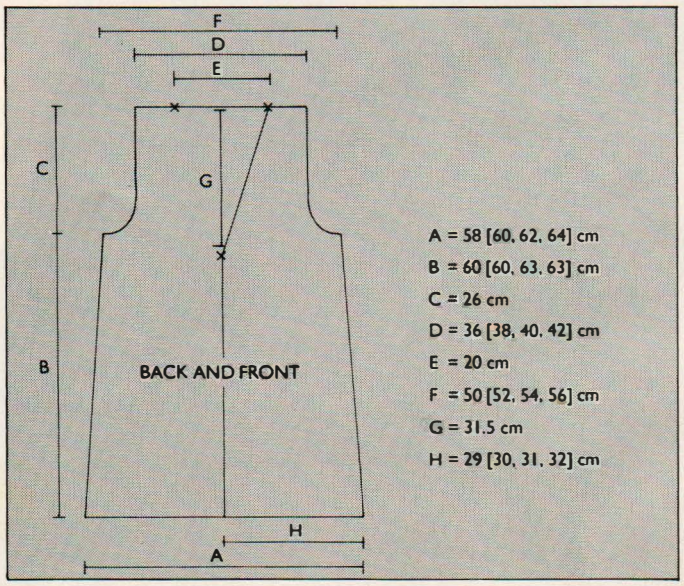
Join shoulder seams. Push 156 Ns to WP. With right side facing, pick up 156 sts around armhole edge and place on to Ns. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–3, K 16 rows. Transfer sts for st st. Using MT+1, K 1 row. Using WY, K a few rows and release from machine.

FRONT BORDER

With carriage at right and using MY, cast on 13 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–4/MT–3, K 3 rows. * Make a buttonhole by transferring centre st on to adjacent N. Leave empty N in WP. K 28 [28, 30, 30] rows. Rep from * 5 times more. Make another buttonhole over same N as before. K 3 [3, 1, 1] rows. RC shows 174 [174, 184, 184]. Place marker at right edge. K 104 rows. RC shows 278 [278, 288, 288]. Place marker at right edge. K 64 rows. RC shows 342 [342, 352, 352]. Place marker at right edge. K 104 rows. RC shows 446 [446, 456, 456]. Place marker at right edge. K 176 [176, 186, 186] rows. RC shows 622 [622, 642, 642]. Cast off.

MAKING UP

Join side seams. Fold armhole bands in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Sew front border in position, matching markers. Sew on buttons.



Helpline

◀ 39

RIBS

Sometimes the finer yarns do not make stretchy enough ribs and you should always do a sample of ribbing before you embark on the body of the garment. The alternative is to cast on with waste yarn and assess the kind of rib you want after the body of the garment is finished. However, the usual way is to tackle ribs first and this means doing a test piece to make sure that the rib is stretchy and suitable. If it is not, if it is too fine or not stretchy, there are a few alternatives. You might only have to add an extra strand to give a bit more body to the rib. If you do this, just check that it does not alter the colour of the rib too much. If you are using yarns of varying colours it won't matter, but if you are using say two strands of blue, then to add a third strand might alter the colour considerably. It might not matter, it could look OK, but you need to know before you start knitting. Another alternative (and I like this one) is to knit the rib twice as long, just as you would for a mock rib and then turn the rib up to make a double hem. You can either pick it up and join it on the machine or you can sew it up afterwards. If you do sew it up afterwards, make sure that you allow plenty of give so that it doesn't snap when the rib is stretched. A good idea is to sew it up with fine shirring elastic. One more solution is to knit a strand of the fine, knit-in elastic, together with the rib and this makes a stretchy and quite strong rib. Once again, watch out for any change of colour it might cause. Sometimes just using the elastic on the cast-on rows is sufficient. Again it is a case of experimenting before you actually knit the ribs.

CHUNKY MACHINES

If you have a chunky machine and huge supplies of two-, three- or four-ply yarns to use up, you can apply the same principles as just described for the fine yarns on the standard gauge machines. Two strands of a soft four-ply would make a double knitting yarn and three strands would give you an Aran weight yarn. More strands would give the true chunky yarns and as long as your machine is happy knitting it and the fabric is acceptable, then you can knit whatever thickness suits you. A Jumbo wool winder is a useful accessory if you have a chunky machine. It takes much bigger amounts of yarn than the standard winder and saves a lot of time in the winding. Thick and thin yarns, smooth and knobbly, shiny and matt can again be combined to give some interesting and exclusive fabrics.

A WORD OF WARNING

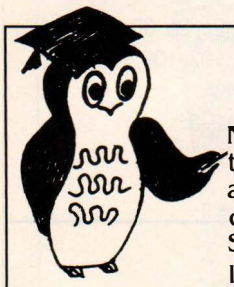
Do take copious notes of the yarns you use and their tensions and so on, otherwise you can bet your bottom dollar that the garment that everyone wants will be the one you did not take notes on!!

SAMPLE

Stick samples of the yarns used on to the same page of your note book and then if you cannot exactly match the same yarn again, you can at least find something as close as possible.

FINALLY

All this sounds rather a long reply giving rather fiddly instructions, but they are not really. Once you have got organised and take note of the little tips given, you will find that not only can you knit economically with these yarns (especially for children) but you can also have a lot of fun with them too.



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VISA

Easy does it

SIMPLE JUMPER (Machine knitting)

Chest: 46 [51, 56, 61, 66, 71] cm 18 [20, 22, 24, 26, 28] in			
Approx yarn required	3-ply (40-120)g	4-ply (100-150)g	Double Knitting (100-200)g
Main Tension (MT): 4 (standard gauge), 7 (standard gauge), 10 (standard gauge), 3 (double knitting machines, work K 1, P 1 ribs, 3 mm needles).			
Approx Tension over 10 cm, 4 in	32 sts-48 rows	28 sts-40 rows	24 sts-32 rows
Back and front alike			
Cast on in 1x1 rib	80 [88, 96, 104, 112, 120] sts	70 [77, 84, 91, 98, 105] sts	60 [66, 72, 78, 84, 90] sts
Tubular rows	5	5	3
Rib Tension	MT-2/MT-2	MT-4/MT-4	MT-6/MT-6
Work in 1x1 rib approx	20 rows	16 rows	14 rows
RC 000. Cont in st st and MT – Knit	84 [96, 110, 120, 132, 140] rows	70 [80, 92, 100, 110, 116] rows	56 [64, 74, 80, 88, 94] rows.
Shape sleeves			
At the beginning of the next 2 rows, cast on	18 [21, 24, 28, 31, 37] sts	16 [19, 21, 24, 27, 33] sts	14 [16, 18, 21, 23, 28] sts.
Knit	34 [34, 40, 40, 46, 58] rows	28 [28, 32, 32, 38, 48] rows	22 [22, 26, 26, 30, 38] rows
RC shows	120 [132, 152, 162, 180, 200]	100 [110, 126, 134, 150, 166]	80 [88, 102, 108, 120, 134]
Transfer sts for 1x1 rib.			
Rib Tension	MT-1/MT-1	MT-2/MT-2	MT-3/MT-3
Knit	8 rows	6 rows	5 rows
Cast off.			
Sleeve bands			
Join shoulder and upper sleeve seams, leaving 16.5 [19, 20.5, 21.5, 23, 24] cm, 6 1/2 [7 1/2, 8, 8 1/2, 9, 9 1/2] in open at neck.			
Push to WP	58 [58, 64, 64, 74, 90] Ns	52 [52, 56, 56, 66, 80] Ns	44 [44, 48, 48, 56, 68] Ns.
With P side facing, pick up sts along sleeve edge and place on to Ns.			
Rib Tension	MT-2/MT-2	MT-4/MT-4	MT-6/MT-6
Work in 1x1 rib	12 rows	10 rows	8 rows
Cast off.			
Making up			
Join side and sleeve seams.			

WHAT IS SAVE THE CHILDREN?

Save the Children is the UK's largest voluntary agency concerned with child health and welfare. The charity provides some emergency disaster relief, but most of its work is long-term and community-based.

Save the Children runs projects in some 50 countries, including about 100 in the UK alone. Their work is supported largely by voluntary fund-raising and donations. Of each £1 given to Save the Children, over 89p goes on work for the children.

A STITCH IN TIME . . .

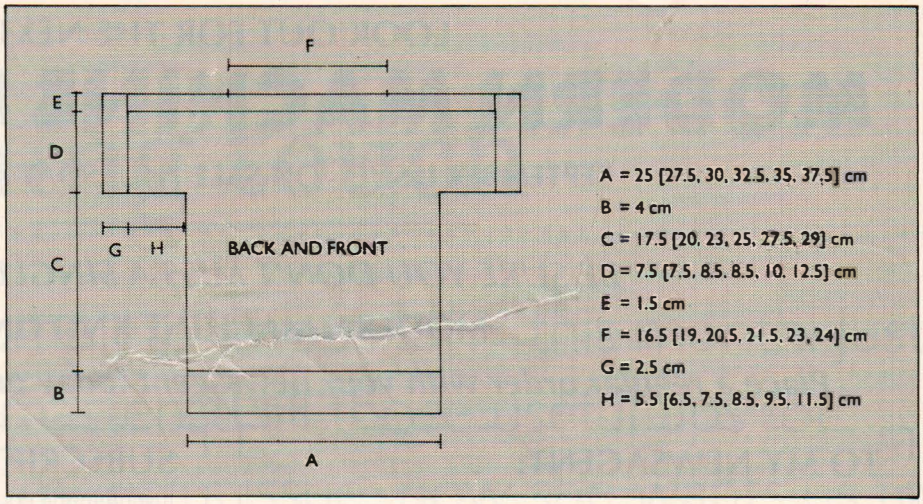
Saves the Children. You can knit for pleasure **and** help this worthwhile charity at the same time.

When we're cold, we simply reach for a warm sweater and add another layer to our clothes. At night, we just throw on an extra blanket or a warmer duvet – actions we take very much for granted.

But in many parts of the world that extra sweater or blanket is a pure luxury – there are simply not enough to go round.

The Save the Children Fund charity is urgently appealing to the generosity of all you knitters out there to help remedy that situation. The charity wants you to get out those needles or sit at that machine to knit either a simple sweater or some blanket squares for those less fortunate in other parts of the world – to make a knitted contribution to

Knit back and front alike in this simple sweater – and help a worthwhile cause while you do so. Save the Children urgently needs all the help it can get – so come on, out with those needles.



SIMPLE JUMPER (Hand knitting)

Chest: 26", 28" Approx. yarn required	3 ply (40-120g)	4 ply (100-150g)	Double Knitting (100-200g)
Suggested needles APPROXIMATE Tension over 1"	3mm (11) 8sts-10 rows	3 1/4mm (10) 7 sts-9 rows	4mm (8) 5 1/2 sts-8 rows
Back and front alike			
Cast on	78 (86, 94, 102, 110, 120) sts	69 (76, 83, 90, 97, 104) sts	55 (60, 66, 71, 78, 84) sts
Work 10 rows garter stitch (every row knit) Change to stocking stitch (1 row knit, 1 row purl) and continue straight until work measures	8 1/2 (9 1/2, 10 1/2, 11 1/2, 12 1/2, 13) ins	8 1/2 (9 1/2, 10 1/2, 11 1/2, 12 1/2, 13) ins	8 1/2 (9 1/2, 10 1/2, 11 1/2, 12 1/2, 13) ins
Shape for sleeves			
At the beginning of the next 2 rows, cast on	26 (29, 32, 35, 38, 44) sts	23 (25, 27, 30, 33, 38) sts	18 (20, 22, 24, 26, 30) sts
Garter stitch the first 5 stitches of each row, with the rest in stocking stitch, and continue straight until work measures	11 1/2 (12 1/2, 14, 15, 16 1/2, 18) ins	11 1/2 (12 1/2, 14, 15, 16 1/2, 18) ins	11 1/2 (12 1/2, 14, 15, 16 1/2, 18) ins
Work a further 5 rows, knitting garter stitch over centre	52 (58, 64, 68, 72, 76)sts	47 (52, 57, 62, 67, 72)sts	39 (42, 46, 49, 52, 54)sts
Cast off			

To make up

Join shoulders and top of sleeves, leaving garter stitch neck open. Join side and under side sleeve seams.
Within these instructions, you can include slight variations of stitch and different coloured stripes or patterning.

alleviate world poverty.

It's not much to ask – that's why we're publishing these patterns to encourage you, our readers, to help by supporting this worthwhile cause.

Modern Machine Knitting spoke to Save the Children's Volunteer Development Manager Mr Michael Coucher about the appeal: 'The simple sweater and blankets are really needed all the year round, not just in emergencies,' he told us. 'We would be delighted for *Modern Machine Knitting* readers to take part in this appeal and particularly for their support in sewing blanket squares. The blankets are really multi-purpose items and can always be put to good use.'

With the blankets in mind you should be looking at knitting six-inch squares which can be sewn together to achieve a total measurement of 6 ft x 4 ft or 4 ft x 3 ft.

The simple jumper is unisex with back and front the same, a loose-necked style with no fastenings. The only colour to be avoided is white as this is a symbol of mourning in some countries.

You can either take your completed clothes and blankets to your nearest Save the Children shop, or post them to Save the Children Warehouse, Unit 8, Block 2, Woolwich Dockland Estate, London SE18 5PQ (tel: 071-854 6693). Please note that the charity cannot use bootees, mittens or hats, nor do they send second-hand clothing abroad. But the chain of Save the Children shops in this country welcomes all sorts of knitted garments and clothing to sell in support of their work.

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BASIC CROCHET STITCHES

CROCHET is really an essential skill to have if you want to be a truly versatile machine knitter. Crochet can be used to create interesting surface decoration on your knitwear or to produce beautiful trimmings and edgings to give your knitwear that special touch. However, at its simplest level it can also be very basic and functional – perhaps the only way you can finish a raw edge to stop it rolling or the most efficient way of setting in a sleeve. If you don't know how to crochet, here's a step by step guide to the basics.

Whether you want to crochet an edging or a complete item, you cannot crochet until you have a 'loop' on your hook. To start, you can either a) insert your hook into the fabric, card, leather, knitting or anything else that takes your fancy OR b) make a slip knot.

How you hold your hook doesn't matter, but the loop has to go past the shaped part of the hook head on to the stem, or the tension will not be correct. If you've never crocheted before, try holding the hook like a pen, which should feel comfortable since most people are used to writing.

The yarn has to glide through the fingers in an uninterrupted flow. (See Fig. 1.) One way is to wrap the yarn round two fingers instead of just the little finger which prevents it from being gripped too tightly.

Unlike knitting, crochet stitches vary in height. Chains are made to 'lift' the hook at the beginning of the row.

When working into a fabric, insert the hook through the material, collect the yarn and pull through to the front. The hook has a loop over it through which crochet stitches can be made. (See Fig. 2.)

Alternatively make a slip knot. Ideally make the slip knot so that the loop tightens from the tail end.

With the loop on the hook, chains can be made either for a foundation chain or to 'lift' the hook from the fabric.

There are basically only three stitches in crochet, chain, double crochet and treble. All other stitches are variations.

Figure 1: Holding the yarn.

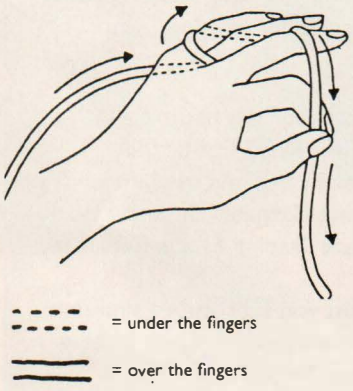
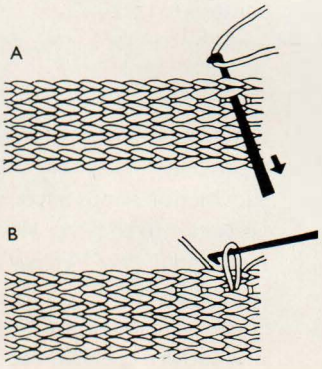


Figure 2: Working the fabric.



CHAIN

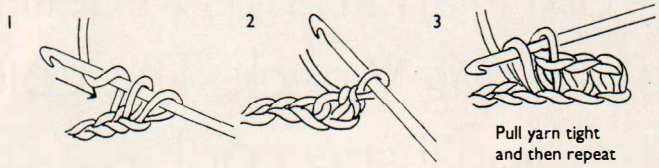
Place yarn over hook (yoh) and pull through loop already on hook – 1 chain (ch) made. Continue in the same way until the required number of chains has been made.

Figure 3

DOUBLE CROCHET

One chain is needed at the beginning of the row and is counted as the first stitch. Insert hook into next stitch (or fabric), yarn over hook (yoh), pull through to front of work (2 loops on hook), yarn over hook (yoh), pull through both loops – 1 double crochet (dc) made. (See Fig. 4.) This is a good stitch for edging a raw knitted edge.

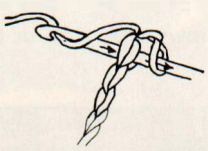
Figure 4



SLIP STITCH

Is worked like a dc but smaller. Therefore it doesn't need any turning chain and is rarely used without other stitches. Insert hook into work, yarn over hook (yoh), pull through to front *AND* loop already on hook – 1 slip stitch (ss) made. (See Fig. 5.) This is a good stitch for joining two knitted pieces together.

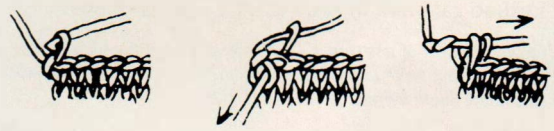
Figure 5



CRAB STITCH

Another variation of double crochet is the Crab stitch, sometimes known as corded edge, rope stitch, etc. This is a double crochet stitch worked in the opposite direction. Right-handed people work crochet from right to left. For right-handed people the Crab stitch is worked from left to right. Insert hook into next stitch on the right, drop the hook on to the yarn (not yoh) and pull through to the front tilting the hook to ensure *TWO* loops are on hook, twist hook back to normal working position, yoh, pull through both loops – 1 Crab stitch made. (See Fig. 6.)

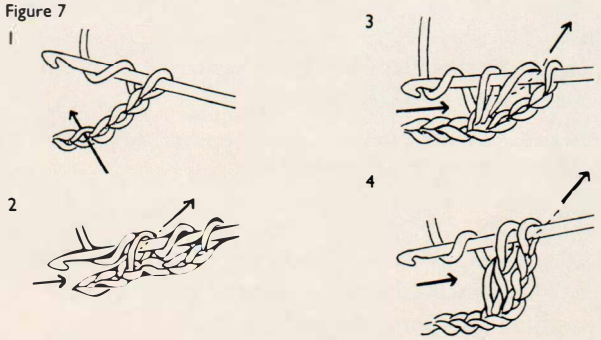
Figure 6



TREBLE

Three chains are needed to lift the hook for this taller and most common of all crochet stitches, yoh *BEFORE* inserting hook into work, yoh, pull through to front (giving three loops on hook), * yoh, pull through two loops, repeat from * once leaving one loop on hook – 1 treble (tr) made. (See Fig. 7.)

Figure 7



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BACK

With carriage at right and using two strands of MY, cast on 158 [164, 172, 178] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 40 rows. Transfer sts for st st. Set RC at 000 *. Using MT, K 216 rows. Place marker between sts 30 and 31 at left and right of centre 0. Cast off.

FRONT

Work as for back to *. Using MT, K 4 rows.

Shape Neck

Push 79 [82, 86, 89] Ns at left to HP. Cont on rem sts for first side. Dec 1 st at neck edge of next and every foll 7th row until 49 [52, 56, 59] sts rem. K 8 rows. Cast off. With carriage at left, push

pattern 6

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber. If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Forsell's 2-ply cotton.
2 x 250g cones in Blossom Blend (MY).

GARMENT WEIGHT
Finished garment in second size weighs 415g.

The fibre content of this yarn is 100% cotton. For further information about this yarn, please write to the following address:- T. Forsell & Son Limited, Blaby Road, South Wigston, Leicester LE8 2SG.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No 6.

MEASUREMENTS
To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.
Actual size 111 [116, 121, 125] cm, 43 1/2 [45 1/2, 47 1/2, 49 1/2] in.
Length to shoulder 64.5 cm, 25 1/2 in.
Sleeve seam 49.5 cm, 19 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
28 stitches and 38 rows to 10 cm, 4 in measured over stocking stitch using two strands of yarn together (tension dial approximately 8).

28 stitches and 42 rows to 10 cm, 4 in measured over plain lace pattern on MT–3 using two strands of yarn together (tension dial approximately 5).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

We adapted a Silver Reed card for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Limited, Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
For other models we suggest you substitute a similar lace pattern specially recommended for your machine. Use two strands of yarn together throughout.

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Machines without Punchcard or Electronic Lace Facility
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Cotton on

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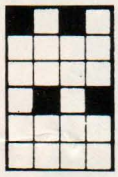

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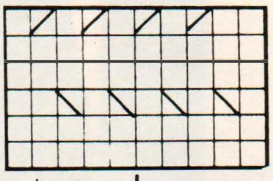
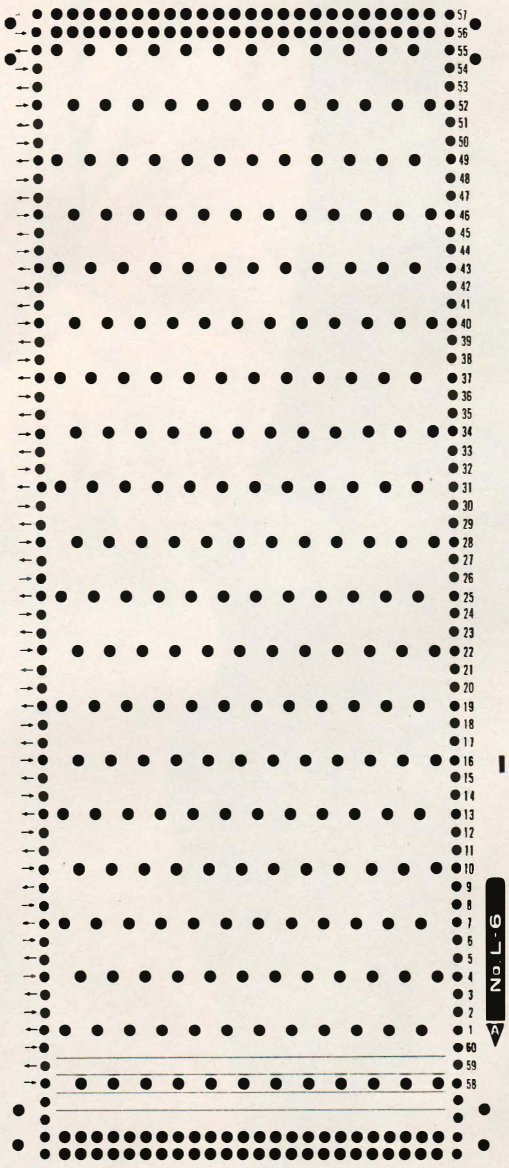


LACE CHART

⧵ = *Transfer st to adjacent N at left leaving empty N in WP*

⧸ = *Transfer st to adjacent N at right leaving empty N in WP*



PUNCHCARD CHART

rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using two strands of MY, cast on 70 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 32 rows. Transfer sts for st st. Set RC at 000. Using MT, shape sides by inc 1 st at each end of next and every foll 4th row until there are 152 sts. K 3 rows. RC shows 164. Cast off.

NECKBAND

With carriage at right, push 10 Ns on each bed to WP for double rib/full needle rib. Using two strands of MY, cast on and K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Set RC at 000. Using MT–5/MT–5, K until long enough to go around neck edge. Cast off.

LACE INSERT

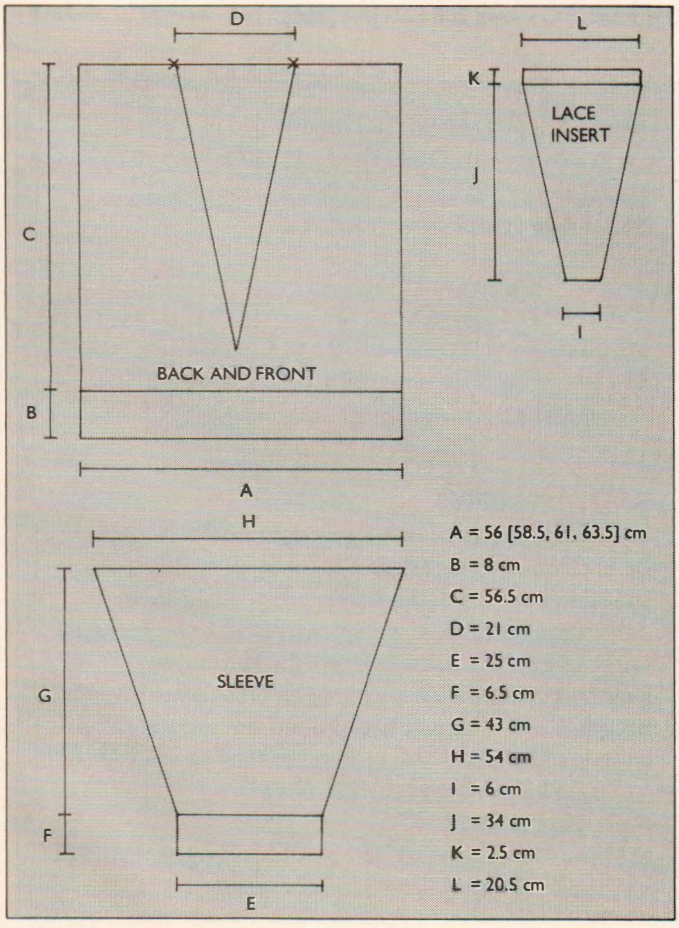
With carriage at right and using two strands of MY, cast on 58 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 12 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT–3, K 5 rows. Cont in lace patt. K 1 row. Shape sides by dec 1 st at each end of next and every foll 7th row until 18 sts rem. K 4 rows. RC shows 144. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams. Sew neckband into position, mitring centre front seam. Sew lace insert into position.



A = 56 [58.5, 61, 63.5] cm
B = 8 cm
C = 56.5 cm
D = 21 cm
E = 25 cm
F = 6.5 cm
G = 43 cm
H = 54 cm
I = 6 cm
J = 34 cm
K = 2.5 cm
L = 20.5 cm

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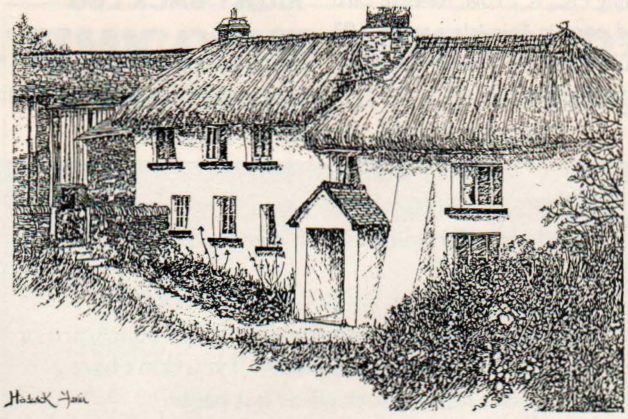

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LEFT BACK LEG

Push 48 [54] Ns at right and 8 Ns at left of centre 0 to WP. 56 [62] Ns. Insert card and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at left. Set RC at 000. Using MC, K 1 row. Release card and cont in Fair Isle patt. K 103 [107] rows. RC shows 104 [108].

Shape Crotch

Cast off 5 sts at beg of next row. K 1 row. Cast off 3 sts at beg of next row. 48 [54] sts. * K 10 [6] rows. RC shows 117. ** Using WY, K a few rows in st st and release from machine.

RIGHT BACK LEG

Work as for left back leg to ** reversing the shapings by reading left for right and right for left. Push 48 [54] Ns at right of centre 0 to WP. With P side facing, replace sts from last row worked on left back leg on to empty Ns. Unravel WY. 96 [108] sts. Keeping patt correct, K 39 [49] rows. RC shows 156 [166].

Shape Sleeves

Inc 1 st at each end of every row until there are 136 [148] sts. K 32 [35] rows. RC shows 208 [221]. Cont in st st and MC.

Shape Shoulders

Cast off 53 [57] sts at beg of next 2 rows. Cast off rem 30 [34] sts.

RIGHT FRONT

Work as for left back leg to *. K 49 [55] rows. RC shows 156 [166].

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber. If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Bramwell's fine 4-ply.
1 x 500g cone in White (MC).
1 x 500g cone in Pale Blue (C).
5 small buttons.

GARMENT WEIGHT
Finished garment in first size weighs 195g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Company, Unit 5, Metcalf Drive, Althorn Lane, Althorn, Accrington BB5 5TU.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No 11.

MEASUREMENTS
To fit chest 46-51 [56-61] cm, 18-20 [22-24] in.
Actual size 67 [76] cm, 26 [30] in.
Length to shoulder 73 [77] cm, 29 [30½] in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION
28 stitches and 30 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.
We used mock ribs on this garment.

Fair Isle Pattern
K 1 row MC only (st st), 11 rows MC/C and 1 row MC only (st st). These 13 rows form pattern.

pattern 7

54 ▶

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Shape Sleeve

Inc 1 st at right edge of every row until there are 68 [74] sts. K 14 rows. RC shows 190 [200].

Shape Neck

Cast off 5 [7] sts at beg of next row. Dec 1 st at neck edge on every row until 53 [57] sts rem. K 7 [10] rows. RC shows 208 [221]. Cont in st st and MC. K 2 rows. Cast off.

LEFT FRONT

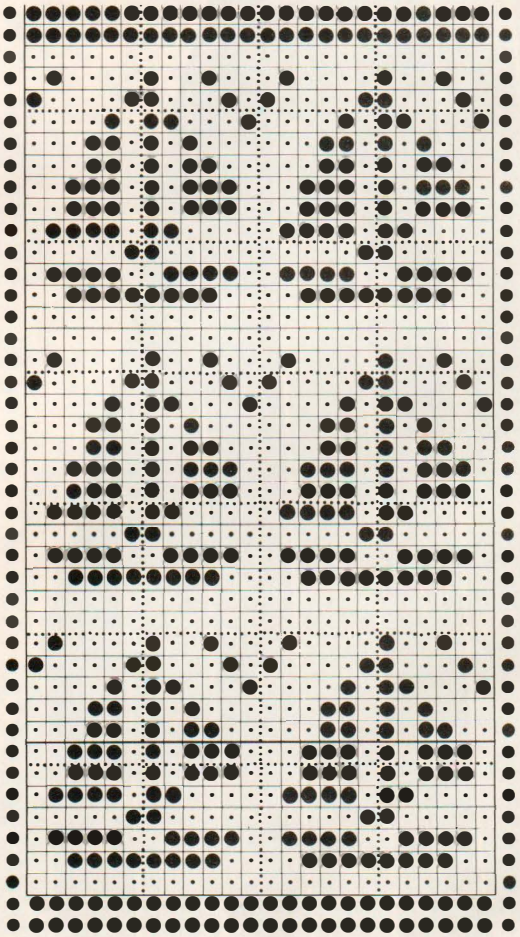
Work as for right front, reversing the shapings by reading right for left and left for right.

SLEEVE CUFFS

Join shoulder seams. With carriage at right and using MC, cast on 41 [47] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 18 rows. Transfer sts for st st. With P side facing, pick up 41 [47] sts along lower edge of sleeve and place on to Ns. Using MT, K 1 row. Cast off.

LEG CUFFS

Join outside leg seams. With carriage at right and using MC, cast on 61 [67] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 22 rows. Transfer sts for st st. With P side of leg



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facing, replace 112 [124] sts from lower edge on to Ns, gathering evenly. Using MT, K 1 row. Cast off.

LEFT FRONT BAND

Using MC, cast on 13 sts by hand. Using MT–1, K 4 [5] rows. * Counting from both edges, make buttonholes over 3rd and 4th sts. K 23 [24] rows. Rep from * 3 times more. Make buttonholes over same Ns as before. K 4 [5] rows. Cast off.

RIGHT FRONT BAND

Work as for left front band omitting buttonholes.

NECKBAND

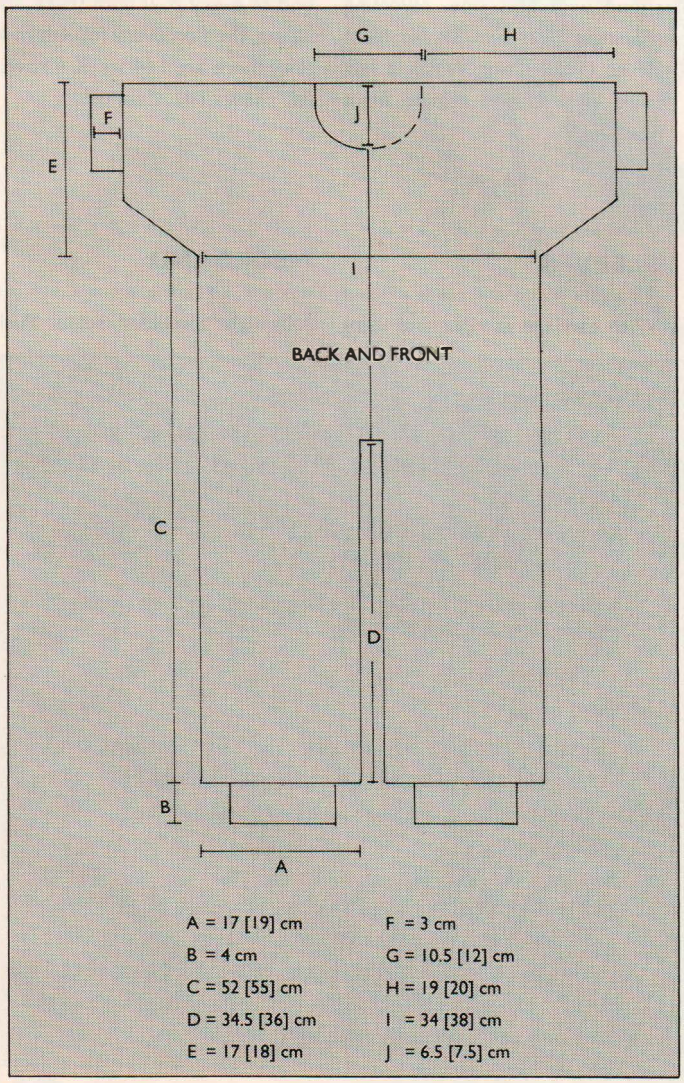
With carriage at right and using MC, cast on 98 [104] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 8 rows. Transfer sts for st st. Using MT–1, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join crotch seam on back and front. Join inside leg and sleeve seams. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Sew bands to left and right fronts, fold in half to wrong side and catch down. Finish buttonholes. Sew on buttons.



A = 17 [19] cm
B = 4 cm
C = 52 [55] cm
D = 34.5 [36] cm
E = 17 [18] cm
F = 3 cm
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H = 19 [20] cm
I = 34 [38] cm
J = 6.5 [7.5] cm

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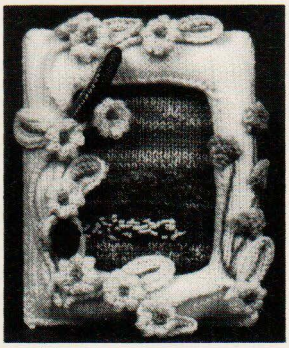

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BACK

With carriage at right and using MC, cast on 162 [170, 178, 184] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 40 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B *. Knit 186 rows.

Shape Neck

Note patt row on card. Push 104 [108, 112, 115] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 6 rows. 52 [56, 60, 63] sts. K 1 row. Cast off. With carriage at right and using a transfer tool, push 58 [62, 66, 69] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings. Push rem 58 Ns from HP to UWP. Using WY, K a few rows in st st and release from machine.

FRONT

Work as for back to *. K 166 rows.

Shape Neck

Note patt row on card. Push 96 [100, 104, 107] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 14 rows. 52 [56, 60, 63] sts. K 13 rows. Cast off. With carriage at right and using a transfer tool, push 66 [70, 74, 77] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings. Push rem 58 Ns from HP to UWP. Using WY, K a few rows in st st and release from machine.

SLEEVES

With carriage at right and using MC, cast on 70 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 30 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Shape sides by inc 1 st at each end of every row until there are 78 sts, then on every foll 4th row until there are 144 sts. K 4 rows. RC shows 142. Cast off.

NECKBAND

Join right shoulder seam. Push

pattern 8

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber. If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Forsell's 4-ply Pure New Wool.
1 x 500g cone in Snowhite (MC).
1 x 500g cone in Seafoam (C).

GARMENT WEIGHT
Finished garment in second size weighs 530g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Limited, Blaby Road, South Wigston, Leicester LE8 2SG.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is No 11.

MEASUREMENTS
To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.
Actual size 110 [115, 121, 125] cm, 43 1/2 [45 1/2, 47 1/2, 49 1/2] in.
Length to shoulder 64.5 cm, 25 1/2 in.
Sleeve seam 47 cm, 18 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
29 stitches and 35 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 9).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

58 ▶

Set fair for summer

◀ 56

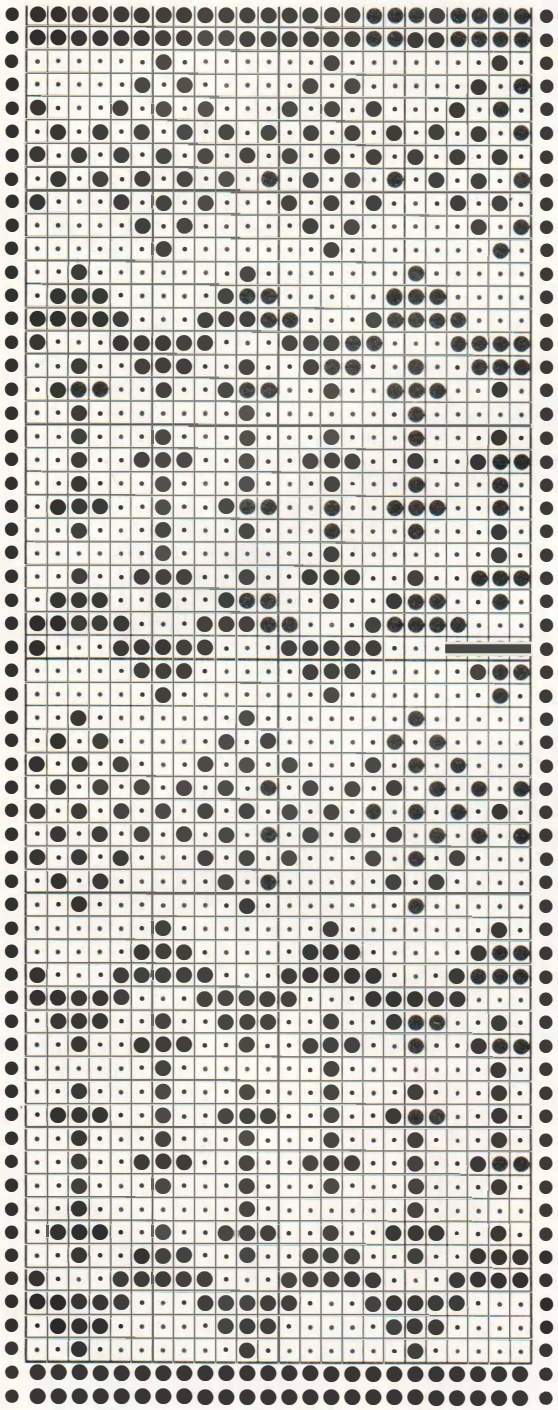
150 Ns to WP. With K side facing, pick up 150 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–6/MT–6, K 23 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

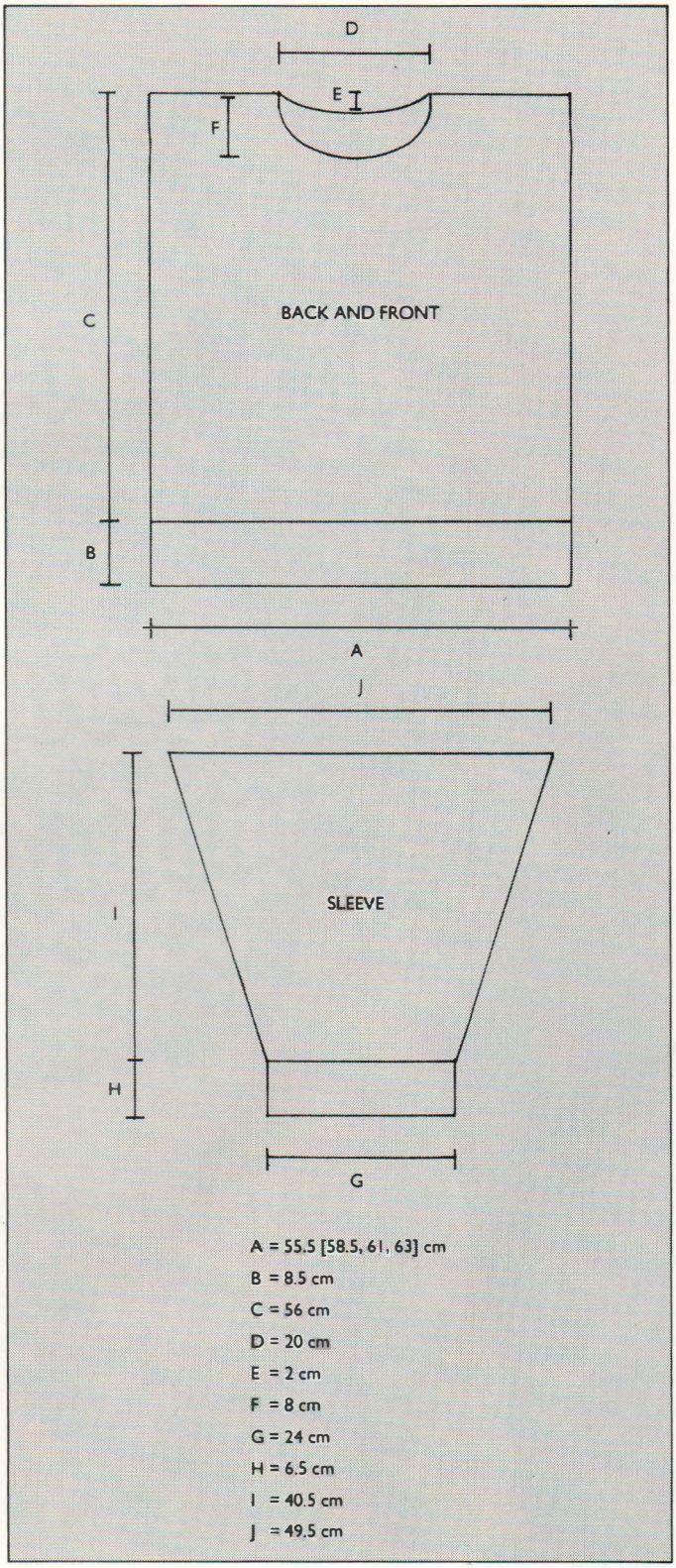
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



PUNCHCARD CHART



A = 55.5 [58.5, 61, 63] cm
B = 8.5 cm
C = 56 cm
D = 20 cm
E = 2 cm
F = 8 cm
G = 24 cm
H = 6.5 cm
I = 40.5 cm
J = 49.5 cm

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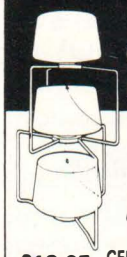

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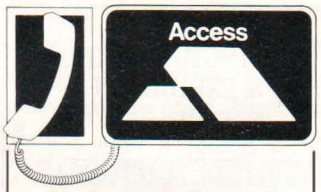

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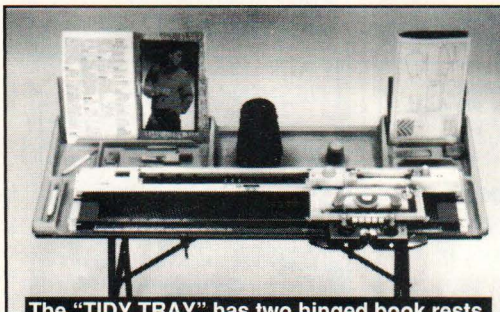

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Trade enquiries, please phone Brenda Hughes on 0672 516749

Classifieds

FOR SALE

TOYOTA KS901, Knit Tracer, table, lace carriage, punch, punchcards, wool winder, virtually unused, £280 ono. Tel: 0952 463510 (Telford).

KNITMASTER 155 professional chunky with ribber, Intarsia carriage, still boxed, vgc. illness forces sale. Tel: 0934 822095 (Weston-S-Mare).

BROTHER 881 punchcard machine, built-in Knitleader, lace instruction book, punchcards, hole punch, good condition, £225 ono. Tel: 081-891 2400 (Twickenham, Middx).

KNITMASTER weaving arm, new condition, £35. Tel: 0324 812807 (Stirlingshire).

KNITMASTER Zippy 90, as new, £50; Knitmaster 302, £20. Tel: 0634 844613 (Rochester, Kent).

TOYOTA KS901, Keyto cabinet, bench, Knit Radar, punchcards, punch, patterns, lace, Intarsia carriages, cones galore, wool winder, everything you need, £375 ono. Tel: 0278 795613 (Burnham-on-Sea).

TWENTY-three assorted magazines, 1979/86, £5; six assorted knitting books, total value, £30 includes Kinder Resource, accept £10. Tel: 053 833 636 (Leek).

BSK Power kit motor with stand and countdown, perfect condition, only reason for selling is lack of room in new home, £375 ono. Tel: 0642 724632 (Great Ayton, nr Middlesbrough).

BROTHER 881 Knitleader, lace carriage, table, tools, instruction books, punchcards. Excellent condition, buyer to collect, £250. Also Passap Duomatic (pink), double bed, £145. Tel: 0494 815074 (High Wycombe).

PASSAP Duo 80 four colour changer, Form computer, wool, wool winder, instruction books, excellent condition, £495 ono. Tel: 021-477 4478 (Birmingham).

BROTHER KH260 chunky machine with ribber, table, some books and yarn, as new, £450; Brother KH881 punchcard machine, £150. Going electronic. Tel: 03873 72200 (nr Gretna).

PFAFF 6000E with heavy duty stand, as new, £1,000 no offers; also 100E, £100; chunky Knitmaster, 155 with ribber, £375. Tel: 021-360 0789 (Birmingham).

KNITMASTER 323, £75; intarsia carriage, £20; table, instruction books, wool, punchcards. Will separate or together for £95. Tel: 0706 214554 (Rawtenstall).

BROTHER 881, £220; ribber KH830, £100; ribber KH850, £140; garter carriage KG88II, 14 months old, used four times, £220; intarsia carriage, £15. Tel: 0372 728537 (Epsom, Surrey).

KNITMASTER Electronic 500, vgc, as new, £250 ono. Tel: 081-868 0398 (Harrow, Middx).

KNITMASTER Weaving arm, £25; blocking mat, £10; YC6 colour changer. £65; ribber KM155 chunky, £125; SC3 linker, £30; KR7 radar, £65. Tel: 081-940 3737 (Richmond).

KNITMASTER 326 with punchcards, Knit Radar, table, manuals, intarsia carriage, £100. Can deliver within 50 miles. Tel: 0892 533760 (Tunbridge Wells).

EMPISAL Knitmaster knitting machine (manual), lots of accessories, suit mini knitwear business but can use as a hobby, £150 the lot. Tel: 081-808 5996 (London).

BROTHER garter carriage KG88II used once only, plus KH881 machine, little used, £415. Will separate. Tel: 0243 264966 (Pagham, W. Sussex).

BROTHER 910 Electronic with lace carriage, three Diane Bennett instruction tapes, two sets mylar sheets, instruction manuals, £250. Tel: 0992 717286 (Enfield, Middx).

TOYOTA 901 punchcard knitting machine plus lace carriage (unused), £200. Tel: 0532 868635 (Garforth, Leeds).

FOR SALE

KNITMASTER 700K, ribber, lace carriage, 100s punchcards, books, magazines, yarn, £450; Keyto cabinet and bench, £80; Hague linker, £60. Excellent condition. Tel: 0684 72589 (Tewkesbury).

JONES+BROTHER colour changer model KHC820A, never used, still boxed. £45. Tel: 021-459 5308 (Birmingham).

SILVER REED SK280 knitting machine, still in box, £250, cost £350, new 8 months ago. Tel: 061-437 9747 (Manchester).

BROTHER KH260 chunky punchcard machine, new including Kathleen Kinder chunky books plus pattern books and punch, £350. Tel: 0704 24000 (Southport, Lancs).

PASSAP Electronic 6000, hardly used, £850. Would swap for new home embroidery machine also PPD110, £200 plus Diane Bennett users guide. Tel: 0709 430470 (Swindon).

KNITMASTER 155 professional punchcard with ribber, ribber covers, intarsia carriage, books, £425 ono. Tel: 0702 558638 (Southend).

BROTHER KH881, built-in Knitleader, lace carriage, punchcards, manuals, vgc, £220 ono. Tel: 061-973 2087 (Sale, Cheshire).

BROTHER 260 chunky machine plus ribber, 24 stitch punchcard, Knitleader, intarsia carriage, excellent condition, disability forces sale, £525 ovno. Tel: 0606 888267 (Northwich, Cheshire).

TOYOTA KS787 with push button patterning and punchcards, lace carriage, Knit Tracer, table and instruction books, £300. Hardly used. Tel: 0227 831796 (Canterbury).

SILVER REED SK830 fine gauge electronic, EC1 pattern controller, electronic lace carriage, Silver Reed ribber, Knit Contour KR11, all new, boxed, bargain, £1,200. Tel: 0295 738227 (Warwickshire).

BROTHER 910 Mk2 Electronic 850 ribber, books, cards, excellent condition, £450 ono or swap for Passap Duo 80. Tel: 0295 738227 (Warwickshire).

MUCH loved Bond Classic with ribber, row counter, tools, video, books and patterns. Two years old, perfect condition, boxed, £100 ono. Tel: 0842 860338 (Lakenheath, Suffolk).

KNITMASTER 360KL with lace carriage, built-in Knit Radar, £245; Knitmaster SRP50 ribbing attachment, £100, good condition. Tel: 0702 203305 (Essex).

TOYOTA ribber for 747 complete. £130; 747 machine, lace carriage, table, manual, 11 sets pattern cards, £70. Tel: 0794 516738 (Romsey, Hants).

PFAFF Duo 80 Form computer, automatic four colour changer, Deco, U80, intarsia patterns, instruction books, punchcards, hole punch, vgc, £350. Tel: 0732 451931 (Sevenoaks, Kent).

TOYOTA ribber KR506, £150 ono; Toyota Knit Tracer, £20. Tel: 0993 851204 (Bampton, Oxon).

OMNISTITCH, new, unused, cost £650, will accept £400. Can deliver anywhere in UK. Tel: 0772 783236 (Preston).

KNITMASTER 155 punchcard chunky machine, books, intarsia carriage, boxed, as new, £250 ono. Tel: 061-330 7681 (Ashton-u-Lyne).

BROTHER 260 chunky machine and ribber, £350; Knitmaster YC5, £50; RT1, £20: SC1 £20. Tel: 0642 552209 (Stockton).

BROTHER KH830 punchcard, tools, instruction manual, £150 including table, vgc. Tel: 0772 726434 (Preston, Lancs).

TOYOTA 901 knitting machine, ribber, lace, intarsia and transfer carriages, Knit Tracer, Toyota stand, punchcards and punch, £300 ono. Tel: 03664 7883 (Fincham, nr Kings Lynn).

FOR SALE

TOYOTA 901 with table, lace carriage, cards, £250. Tel: 0225 791618 after 2.30pm (Melksham).

BROTHER Chunky 260 with ribber, intarsia, Knitleader, double bed colour changer, all boxed, as new, £500. Tel: 0303 278657 (Folkestone).

BROTHER KH950, ribber, table, books, assorted cones, spare needles, as new, hardly used, £650. No offers. Tel: 0278 444537 (Bridgwater).

KNITMASTER 326 built-in radar plus ribber, table, linker, transfer carriage, intarsia, punch, punchcards, wool winder, instructions, £275. Good condition. Tel: 0227 368247 (Herne Bay).

KNITMASTER 151 chunky with Knit Radar, punchcards, built-in intarsia, £265. Tel: 0233 620626 (Ashford).

OMNISTITCH decorating machine, genuine reason for sale. Brand new, £450 ono plus extra accessories. Tel: 0794 23189 (Southampton).

BROTHER KX395 convertible, six months old with extras, £100 or exchange for Horn knitting cabinet. Tel: 0203 349471 (Nuneaton).

BROTHER KH950i knitting machine with lace carriage, good condition, £450. Tel: 0924 255514 (Wakefield).

BROTHER KH836 with ribber and table, £300. Tel: 0203 471778 (Coventry).

KNITMASTER KH160, punchcards, instruction book, still boxed, £120 ono. Tel: 0323 847597 (Hailsham).

SINGER 2310 Electronic (double bed), ideal for Jacquard knitting, £375 or exchange for Brother KH900 machine or similar or chunky. Tel: 0252 835293 (Camberley).

BROTHER KH710 excellent condition includes, lace carriage, all accessories and easy to use instruction manual, knits intarsia, tuck etc, £70. Tel: 0406 351481 (Spalding).

BROTHER KH840 punchcard machine with lace carriage and table, excellent condition with instruction manual and punchcards. Not to be missed, £170. Tel: 0206 824056 (Colchester, Essex).

BROTHER KH900 Electronic, lace carriage, video, table included, as new, £400. Tel: 0279 870807 (Bishop's Stortford).

KNITMASTER 360K with built-in Knit Radar, intarsia carriage, many extras, vgc, gone electronic, bargain, £190. Tel: 0743 884439 (Shrewsbury).

SINGER Merlin, £50; Bond single bed also Bond ribber, never used, £65 the two. Tel: 0264 361123 (Andover).

TOYOTA KS901 Knit Tracer, punchcards, books etc, £150. Tel: 0621 828396 (nr Maldon).

KNITMASTER SRP50 ribber, £150 ono; Knitmaster lace carriage 360/260, £50; linker, £20; rib transfer carriage, £20; intarsia AG-20, £20. Tel: 0743 874731 (Shrewsbury).

KNITMASTER KL560 electronic machine, built-in radar, lace carriage, instruction tapes, £350 ono; SC3 linker, £25; RJ1 carriage, £65; RT1 carriage, £20. Tel: 0903 775615 (Worthing).

HAGUE linker plus manual, £55; Keyto cabinet, £60; Toyota Knit Tracer, £45. Tel: 0953 455012 (Attleborough).

BROTHER Knitleader KL116, used once, £55; 8-way tension mast, never used, £30. Both excellent condition, buyer collects or will split postage. Tel: 0304 823021 (Dover).

BROTHER KH891 built-in Knitleader, lace carriage, punchcards, rails built on for garter carriage, £240. Tel: 0293 533702 (Crawley, Sussex).

FOR SALE

TOYOTA KS787 in carry case, ribber, KR460 lace carriage, Simulknit, Knit Tracer and patterns, punchcards and pop-punch, also cabinet. Reasonable offers. Tel: 0904 642856 (York).

KNITMASTER motor SA201 and stand/table, hardly used, good condition, £225 ono. Tel: 0424 82371 (E. Sussex).

BROTHER KH940 computerised with ribber, lace carriage and accessories. Virtually unused, £800. Tel: 0923 284482 (Chorleywood).

AUTOCOLOUR attachment for Passap machine, latest, never used, £125. Tel: 081-551 2742 (Ilford, Essex).

HORN cabinet and storage bench, vgc, £120; Machine Knitting News 11/89 to 3/93, £35 ono; books including Weaver, Pope, Knitmaster, Bailey, Nabney, £5 each. Tel: 081-592 6487 (Dagenham).

KNITMASTER KR700 Knit Radar, intarsia, punchcard, good working order but needs small repair to weaving brush lever, hence £200; SC3 linker £25. Tel: 081-592 6487 (Dagenham).

BROTHER KH860 lace carriage, punchcards, excellent condition, £180; intarsia carriage, unused, boxed, £25; garter carriage KG88 MkII, boxed, £220. Owner gone electronic. Tel: 081-656 0670 (Croydon, Surrey).

BROTHER KH836, excellent condition, gone electronic, £150; intarsia carriage, £25, together, £170. Punch, punchcards included. Tel: 0483 63171 (Guildford).

KNITMASTER 580, SPR60N ribber, lace carriage, transfer carriage, masses of books, wool and other extras. Excellent condition, will deliver, £650 ono. Tel: 0270 589683 (Crewe).

BROTHER KH891 with Knitleader, lace carriage, intarsia carriage, £230. Tel: 0602 634406 (Hucknall).

SWAP

BROTHER 260 chunky machine for KG88II garter carriage or sell machine and ribber, £350. Tel: 0642 552209 (Stockton).

EXCHANGE my Brother 950i with ribber in new Keyto cabinet and bench for Singer 9000 with TV monitor. Cash adjustment. Tel: 0980 70355 (Amesbury).

TOYOTA 950 with ribber, Knit Tracer, 8-way yarn mast, intarsia carriage, for Passap Duo 80 with 4 colour changer and Deco. Tel: 0582 873267 (Dunstable).

WANTED

KG88II Garter carriage also tilt table. Tel: 0642 552209 (Stockton).

BROTHER KH260 and ribber in good condition. Tel: 0203 343985 (Nuneaton, Warks).

AN OLD circular sock machine with 6" diameter, also wanted cast iron table for sock machine. Tel: 0602 630000 (Nottingham).

BROTHER KH850 ribber and Brother Knitleader. Tel: 0425 620986 (Lymington).

WANTED for loan or preferably purchase copy of "Machine Knitting World" issue No 13 please. Tel: 0926 493698 (Warwick).

BROTHER 940, will collect within 100 miles of Plymouth. Tel: 0752 660317 (Plymouth).

DISC drive for Brother 950i in good condition and reasonable price. Tel: 0892 661773 (Crowborough).

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

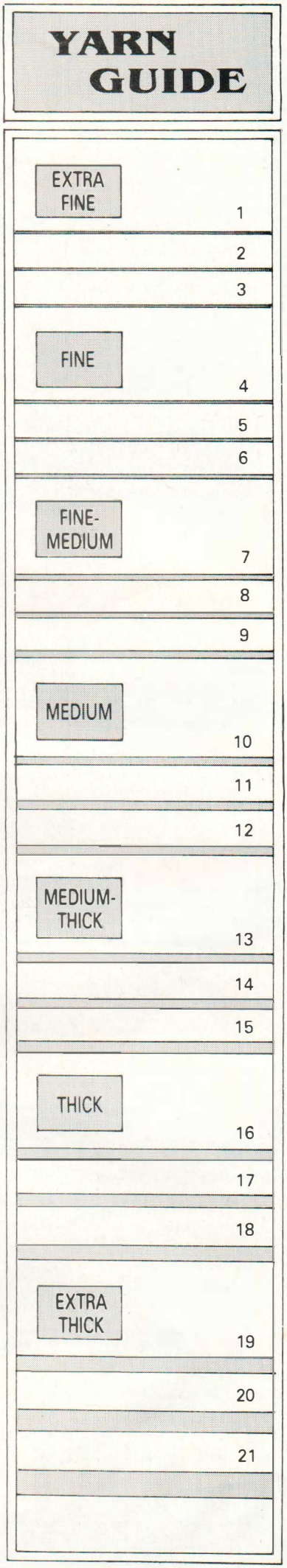
MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.



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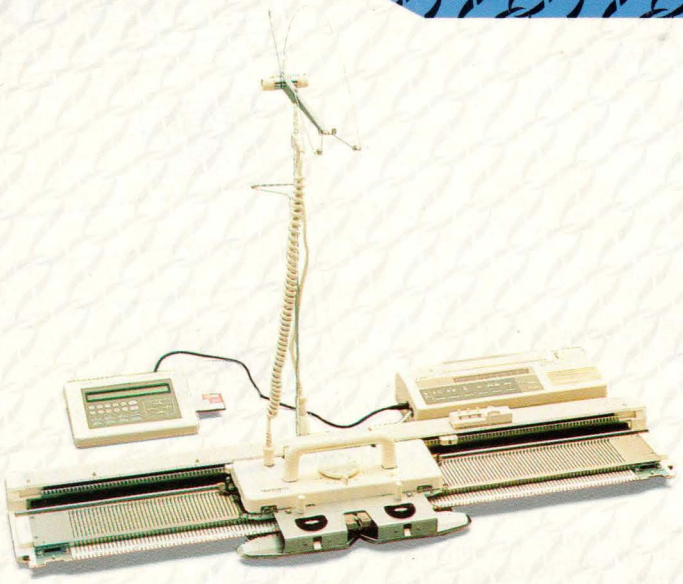
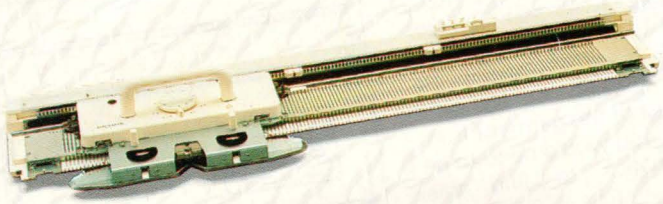
And our low prices add up to a golden opportunity to boost dramatically both the speed and variety of your knitting projects.

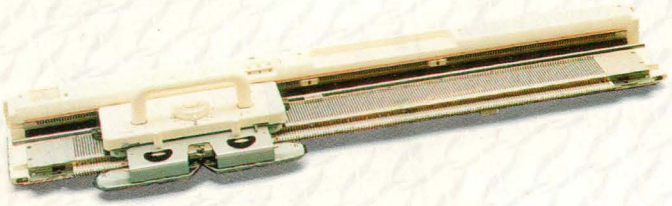
The Silver Modular Electronic Knitting System is based on four easy-to-change and whisper-quiet beds of the highest quality. So you'll be able to set just the right gauge and tension for any yarn - and each gives you a wide range of stitch options at the touch of a single lever. Attachments permit even greater stitch and pattern variety. And as the beds and attachments are each sold separately, you buy only as you need to.



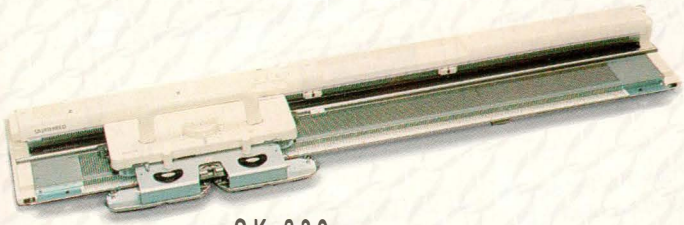
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply

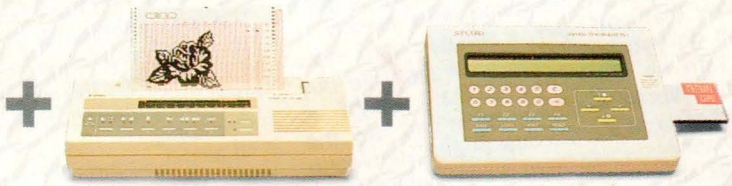


SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

The Silver EC1 Pattern Controller gives you great flexibility.

Just one is needed for all four beds. Use any of the 50 pre-printed designs - or draw your own on easy-to-use pattern cards. Cards and books from previous models are also compatible. Additionally, you can vary your patterns at the touch of a button: from doubling the height to changing single bed patterns into Double Jacquard designs and more.
And the second Stitch Width Indicator lets you select any part of a pattern to create extra designs - with no programming required.

Silver EC1 *Pattern Controller*



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